#### EOG Resources, Inc. P.O. 1910 Vernal, UT 84078

October 7, 2003

Utah Division of Oil, Gas, & Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, UT 84114-5801

> RE: APPLICATION FOR PERMIT TO DRILL CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E UINTAH COUNTY, UTAH LEASE NO.: U-0284-A UTE INDIAN TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

RECEIVED

OCT 2 1 2003

DIV. OF OIL, GAS & MINING

Please address further communication regarding this matter (including approval) to:

Ed Trotter

P.O. Box 1910

Vernal, UT 84078

Phone: (435)789-4120 Fax: (435)789-1420

Sincerely

Ed Front

Agent

EOG Resources, Inc.

Attachments

Form 3,160-3 (August 1999)

# UN\_ED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

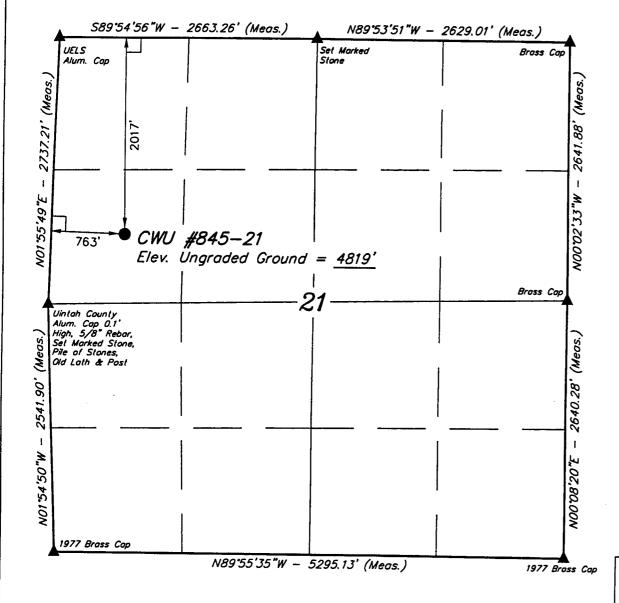
FORM APPROVED
OMB NO. 1004-0136

5. Lease serial No.

APPLICATION FOR PERMIT TO DRILL OR REENTER    APPLICATION FOR PERMIT TO DRILL OR REENTER	284-A  n, Allottee or Tribe name INDIAN TRIBE  or CA Agreement, Name and No. APITA WELLS UNIT  Name and Well No.  ITA WELLS UNIT 845-21  cell No. 43-047-35303  and pool, or Exploratory TURAL BUTTES  C., R., M., or BLK. And survey of area  C. 21, T9S, R22E, S.L.B.&N		
TYPE OF WORK DRILL REENTER  To single Zone Multiple Zone  Name of Operator  EOG RESOURCES, INC.  A Address P.O. BOX 1910, VERNAL, UT 84078  b. Telephone Number: (435)789-4120  Location of Well (Report location clearly and in accordance with any State requirements.*)  At surface 2017' FNL & 763' FWL 4731274 Y SW/NW 40.02324  At proposed prod. Zone  4. Distance in miles and direction from nearest town or post office* 17.1 MILES SOUTHEAST OF OURAY, UTAH  5. Distance from proposed location to nearest property or lease line, (Also to nearest drig. Unit line, if any)  8. Distance from proposed location to nearest town or post office to nearest well, drilling, completed, or applied for, on this lease, ft.  Also to nearest drig. Unit line, if any)  8. Distance from proposed location to nearest town or post office to nearest well, drilling, completed, or applied for, on this lease, ft.  Also to nearest drig. Unit line, if any)  8. Distance from proposed location to nearest to nearest well, drilling, completed, or applied for, on this lease, ft.  See Map C  10,275'  #NN  11. Elevations (show whether DF, KDB, RT, GL, etc.  4819.1 FEET GRADED GROUND  12. A Attachments  13. A Surface Use Plan (if the location is on National Forest System lands, the source of the operations of (see item 20 above).  5. Operator certification.	INDIAN TRIBE or CA Agreement, Name and No. APITA WELLS UNIT  Name and Well No. ITA WELLS UNIT 845-21  ell No. 43-047-35303  and pool, or Exploratory TURAL BUTTES T., R., M., or BLK. And survey of area		
TYPE OF WORK DRILL Gas Well Other Single Zone Multiple Zone  Name of Operator  REGRESOURCES, INC.  Address P.O. BOX 1910, VERNAL, UT 84078  Telephone Number: (435)789-4120  Location of Well (Report location clearly and in accordance with any State requirements.*) At surface 2017' FNL & 763' FWL 431274' SW/NW 40.02324' At proposed prod. Zone  Distance in miles and direction from nearest town or post office* 17.1 MILES SOUTHEAST OF OURAY, UTAH  Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.  Elevations (show whether DF, KDB, RT, GL, etc.  19. Proposed depth 10,275' #NM 4819.1 FEET GRADED GROUND  19. Proposed depth 10,275' #NM 4819.1 FEET GRADED GROUND  19. Proposed depth 10,275' #NM 4819.1 FEET GRADED GROUND  19. Proposed depth 10,275' #NM 4819.1 FEET GRADED GROUND  4. Bond to cover the operations us (see item 20 above).  Well plat certified by a registered surveyor. 2. A Drilling Plan 3. A Surface Use Plan (if the location is on National Forest System lands, the 'S. Operator effication.' 5. Operator ceitem 20 above). 5. Operator ceitem 20 above). 5. Operator ceitem 20 above). 6. Soperator ceitem 20 above). 7. If Unit CH  CHAP  7. If Unit CH  CHAP  8. Lease:  8. Lease:  8. Lease:  8. Lease: 9. APIW Well patcertified by a registered surveyor. 9. APIW Well plat certified by a registered surveyor. 9. APIW Well plat certified by a registered surveyor. 9. Operator ceitem 20 above). 9. Operator ceitem 20 above). 9. Operator ceitem 20	or CA Agreement, Name and No. APITA WELLS UNIT  Name and Well No. ITA WELLS UNIT 845-21  The state of the sta		
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e following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to thi  1. Well plat certified by a registered surveyor.  2. A Drilling Plan  3. A Surface Use Plan (if the location is on National Forest System lands, the  4. Bond to cover the operations u (see item 20 above).  5. Operator certification.			
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	nless covered by an existing bond on file		
Authorized officer.			
S. Signature Name (Printed/ Typed)  Fed Trotter	nless covered by an existing bond on file		
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BRADLEY G. HILL	nless covered by an existing bond on file ation and/or plans as may be required by		
itle ENVIRONMENTAL SCIENTIST III	Date October 7, 2003		
	Date October 7, 2003		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## T9S, R22E, S.L.B.&M.



#### LEGEND:

= 90° SYMBOL

= PROPOSED WELL HEAD.

= SECTION CORNERS LOCATED.

(NAD 27)

LATITUDE =  $40^{\circ}01'23.69"$ (40.023247)LONGITUDE =  $109^{27}04.47^{\circ}$  (109.451242)

#### EOG RESOURCES, INC.

Well location, CWU #845-21, located as shown in the SW 1/4 NW 1/4 of Section 21, T9S, R22E, S.L.B.&M. Uintah County, Utah.

#### BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35. T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

#### BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION. SCALE

#### CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIE

> REGISTERED LAND SURVEYOR REGISTRATION NO. 161319 STATE OF UTAH

## UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017

SCALE DATE SURVEYED: DATE DRAWN: 1" = 1000'06-20-03 06-30-03 PARTY REFERENCES G.O. M.P. D.COX G.L.O. PLAT WEATHER FILE WARM EOG RESOURCES, INC.

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

## 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,523'
Wasatch	4,711'
Island	7,258'
KMV Price River	7,433'
KMV Price River Middle	8,126'
KMV Price River Lower	9,006'
Bit Trip Sego	9,380'
Sego	9,438'
KMV Castlegate	9,601'
Base Castlegate SS	9,826'
Bit Trip Blackhawk Shale	9,881'
KMV Blackhawk	10,011'

EST. TD: 10,275

Anticipated BHP 4400 PSI

# 3. PRESSURE CONTROL EQUIPMENT: Intermediate Hole – 3000 PSIG Production Hole – 5000 PSIG

BOP Schematic Diagrams attached.

#### 4. CASING PROGRAM:

	_						<u>RAT</u>	<u>ING FACT</u>	<u>OR</u>
HOLE SIZE	<u>INTERVAL</u>	<u>LENGTH</u>	<u>SIZE</u>	<u>WEIGHT</u>	<b>GRADE</b>	<b>THREAD</b>	COLLAP	SE BURST	TENSILE
17 ½"	0'-250'	250'	13 3/8"	48.0#	H-40	STC	770 PSI	1730 PSI	322,000#
12 1/4"	250' - 2500'+/- KB	2500' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI	3520 PSI	394,000#
7 7/8"	2500' – TD +/-KB	10,275' +/-	4 1/2"	11.6#	N-80	LT&C	6350 PSI	7780 PSI	223,000#

All casing will be new or inspected.

The 12 ¼" Intermediate hole will be drilled to a total depth of 200' below the base of the Green River lost circulation zone and 9 5/8" casing will be set to that depth. Actual setting depth of the 9 5/8" casing may be less than 2500' in this well.

#### 5. Float Equipment:

#### Surface Hole Procedure (0-250' Below GL):

Guide Shoe

Insert Baffle

Wooden wiper plug

Centralizers: 1 - 5-10' above shoe, every collar for next 3 joints (4 total).

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### Float Equipment (Continued):

#### Intermediate Hole Procedure (250'-2500')

**Guide Shoe** 

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

#### **Production Hole Procedure (2500'-TD'):**

FS, 1 joint of casing, FC, and balance of casing to surface. Run 11.6#, N-80 burst rating or equivalent marker collars or short casing joints at  $\pm$  7,258' (Top of Price River) and  $\pm$  4,300' (400' above the Wasatch) (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of  $2^{nd}$  joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (0-250' below GL):

Air - Air Water Mist

#### Intermediate Hole Procedure (250'-2500'):

Water (circulate through reserve pit) with Gel/LCM sweeps.

#### **Production Hole Procedure (2500'-TD):**

2700'- 4500' Water (circulate through reserve pit) with Gel/LCM sweeps.

- 4500'- 6900' Close in mud system. "Mud up" with 6.0 ppb Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss no control.
- Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain <u>5.5</u> ppb DAP. Do not mix caustic or lime. Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO<sub>2</sub> contamination with DESCO CF and OSIL (Oxygen scavenger) if mud properties dictate.

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### 8. EVALUATION PROGRAM:

Logs: Schlumberger Platform Express TD – Surface Casing, with Di-pole Sonic from TD to surface in 1 run.

#### 9. CEMENT PROGRAM:

#### Surface Hole Procedure (0-250' Below GL)

Lead: 300 sks (100% excess volume) Class 'G' cement with 2% S1 (CaCl2) & 0.25 pps D29 (cellophane flakes), mixed at 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps water.

Top Out: Top out with Class 'G' cement with 2% S1 (CaCl2) in mix water, 15.8 ppg, 1.16 ft<sup>3</sup>./sk., 4.95 gps via 1" tubing set at 25' if needed.

## Intermediate Hole Procedure (250'-2500'):

Lead: 85 sks: (50% excess volume) Class 'G' lead cement (coverage from 1700-1000') with 5% D44 (Salt), 12% D20 (Bentonite), 1% D79% (Extender), 0.25% D112 (Fluid Loss Additive), 0.2% D46 (Anti-Foamer) & 0.25 pps D29 (Cellophane flakes) mixed at 11.0 ppg, 3.91 ft3/sk., 24.5 gps water.

**Tail: 290 sks:** (50% excess volume) Class 'G' cement (coverage from 2700-1700') with 10% D53 (Gypsum), 2% S1 (CaCl2) & 0.25 pps D29 (Cellophane flakes) mixed at 14.2 ppg, 1.61 ft3/sk., 7.9 gps water.

## Production Hole Procedure (2500' to TD)

Lead: 110 sks 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water

Tail: 190 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 10. ABNORMAL CONDITIONS:

### Intermediate Hole (250'-2500'):

Lost circulation below 1800' and minor amounts of gas may be present.

#### Production Hole (2500'-TD):

Sloughing shales and key seat development are possible in the Wasatch Formation. CO<sub>2</sub> contamination in the mud is possible in the Price River (Mesa Verde).

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

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(Attachment: BOP Schematic Diagram)

#### **3000 PSIG DIAGRAM**

ANNULAR PREVENTOR AND BOTH RAMS ARE 3000 PSIG RATED. **ROTATING HEAD** CASING FLANGE IS 11" 3000 PSIG RATED. **BOPE 11" 3000 PSIG** FLOW LINE TESTING PROCEDURE: 1. BOPE's will be tested with a professional tester to conform to Onshore Order #2 with retest every 14 days. 2. Blind & Pipe rams will be tested to rated working pressure, 3000 psig. 3. Annular preventor will be tested to 50% of working pressure, 1500 psig. ANNULAR 4. Casing will be tested to 0.22 psi/ft. or 1500 psig. Not to exceed 70% of burst **PREVENTER** strength, whichever is greater. 5. All lines subject to well pressure will be pressure-tested to the same pressure as blind & pipe rams. 6. All BOPE specifications and configurations will meet Onshore Order #2 requirements for 3000 psig BOPE specifications. PIPE RAMS **CHOKE MANIFOLD** ADJUSTABLE CHOKE 2" MIN TO MUD/GAS SEPARATOR **BLIND RAMS** OR PIT 3" MINIMUM RATED **3000 PSIG** 2" KILL LINE 3" MINIMUM 3" DIAMETER BLEED LINE TO PIT **CASING** \FLANGE/ 2" MINIMUM SPOOL 11" 3000 PSIG ADJUSTABLE CHOKE TO MUD/GAS SEPARATOR OR PIT

## EOG RESOURCES, INC. CWU #845-21 SECTION 21, T9S, R22E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST, TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN WESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN AN EASTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.1 MILES.

#### CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

Company/Operator:

EOG Resources, Inc.

Well Name & Number: Chapita Wells Unit 845-21

Lease Number:

U-0284-A

Location:

2017' FNL & 763' FWL, SW/NW,

Sec. 21, T9S, R22E, S.L.B.&M.,

**Uintah** County

Surface Ownership:

Ute Indian Tribe

#### NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction

of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice:

- at least twenty-four (24) hours prior to

spudding the well.

Casing String and

Cementing

- twenty-four (24) hours prior to running

casing and cementing all casing strings.

BOP and related

**Equipment Tests** 

- twenty-four (24) hours prior to running

casing and tests.

First Production

Notice

- within five (5) business days after new

Well begins or production resumes after Well has been off production for more

than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

#### THIRTEEN POINT SURFACE USE PROGRAM

#### 1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 17.1 miles southeast of Ouray, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

#### 2. PLANNED ACCESS ROAD

- A. An existing access road will be utilized to service this well. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of

drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

## 3. <u>LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION</u>

- A. Abandoned wells 4\*
- B. Producing wells 32\*
- C. Shut in wells -1\*

(\*See attached TOPO map "C" for location)

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

#### A. ON WELL PAD

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of well head valves, separator, dehy, 210 Bbl condensate tank, meter house, and attached piping.
- 2. Gas gathering lines A 3" gathering line will be buried from dehy to the edge of the location.

#### B. OFF WELL PAD

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the East side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee.

All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Carlsbad Canyon.

If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a construction in the unit or other lease or unit boundary change), the BIA will process a change in authorization to the appropriate rental or other financial obligation as determined by the authorized officer.

#### 5. LOCATION & TYPE OF WATER SUPPLY

- A. Water supply will be from the Ouray Brine Plant at Ouray, Utah, and/or Target Trucking Inc.'s water source in the SW/SW, Sec. 35, T9S, R22E, Uintah County, Utah (State Water Right #49-1501). Produced water from the Chapita Wells and Stagecoach Units will also be used.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. SOURCE OF CONSTRUCTION MATERIAL

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Tribal Land.
- C. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL

#### A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County landfill.
- 4. Produced wastewater will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following three locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).

- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

#### On BIA administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge.

The reserve pit shall be lined.

#### 8. ANCILLARY FACILITIES

A. No airstrips or camps are planned for this well.

#### 9. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored between Corners B and 6.

Access to the well pad will be from the West.

Corners #2 & #8 will be rounded off to minimize excavation.

#### **FENCING REQUIREMENTS:**

All pits will be fenced according to the following minimum standards:

A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).

- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16-foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

#### B. <u>DRY HOLE/ABANDONED LOCATION</u>

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BIA will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP

Access road: <u>Tribal</u> Location: <u>Tribal</u>

#### 12. OTHER INFORMATION

- A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:
  - -whether the materials appear eligible for the National Register of Historic Places;
  - -the mitigation measures the operator will likely have to undertake before the site can be used.
  - -a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs.

The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA, or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BIA does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

#### **Additional Surface Stipulations**

None

#### LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

#### PERMITTING AGENT DRILLING OPERATIONS

Ed Trotter Donald Presenkowski
P.O. Box 1910 EOG Resources, Inc.
Vernal, UT 84078 P.O. Box 250

Telephone: (435)789-4120 Big Piney, WY 83113 Fax: (435)789-1420 Telephone: (307)276-4865

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. EOG Resources, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

The BIA office shall be notified upon site completion prior to moving on the drilling rig.

#### Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Chapita Wells Unit 845-21 Well, located in the SW/NW of Section 21, T9S, R22E, Uintah County, Utah; Lease #U0284-A; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #NM 2308.

Date

Agent Agent

# EOG RESOURCES, INC.

CWU #845-21 LOCATED IN UINTAH COUNTY, UTAH SECTION 21, T98, R22E, S.L.B.&M.



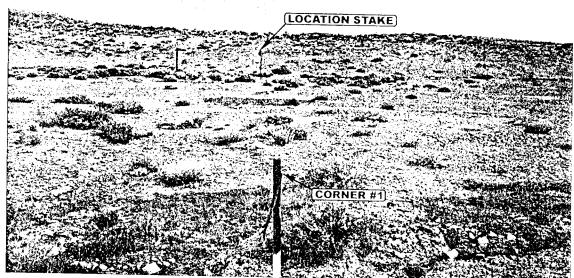


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

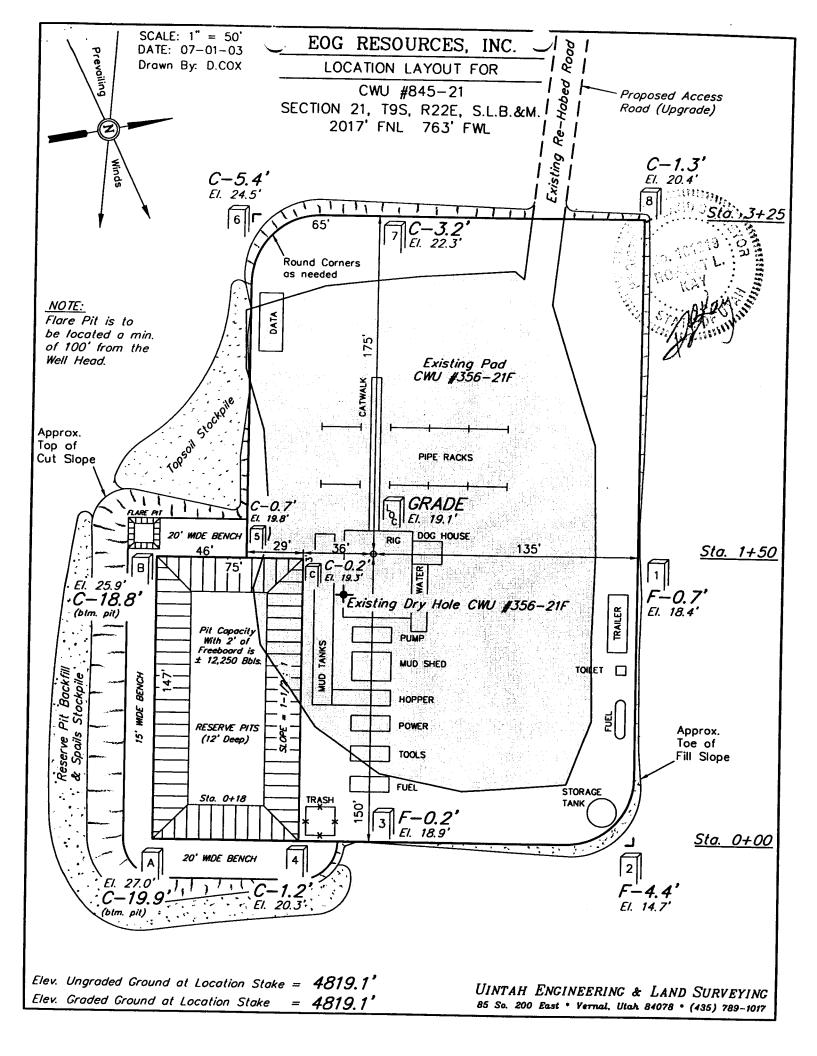
CAMERA ANGLE: EASTERLY

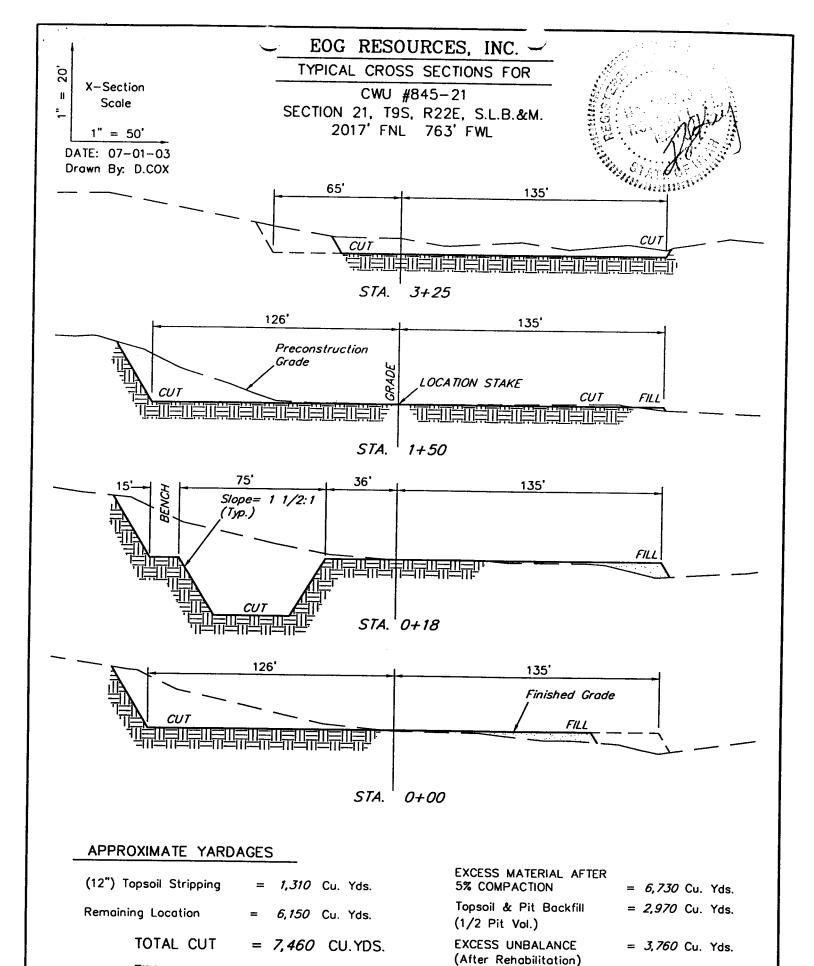


Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
435-789-1017 vels@uelsinc.com

LOCATION PHOTOS OF 25 ON VEAR TAKEN BY: G.O. DRAWN BY: P.M. REVISED: 00-00-00

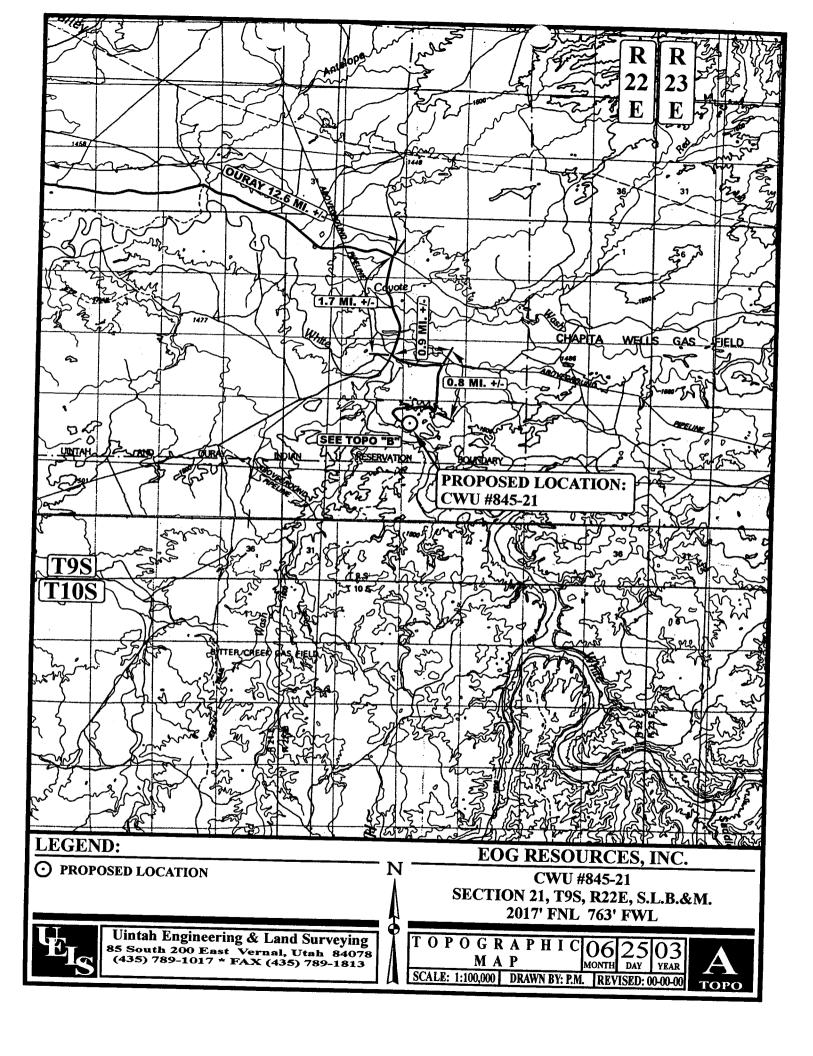


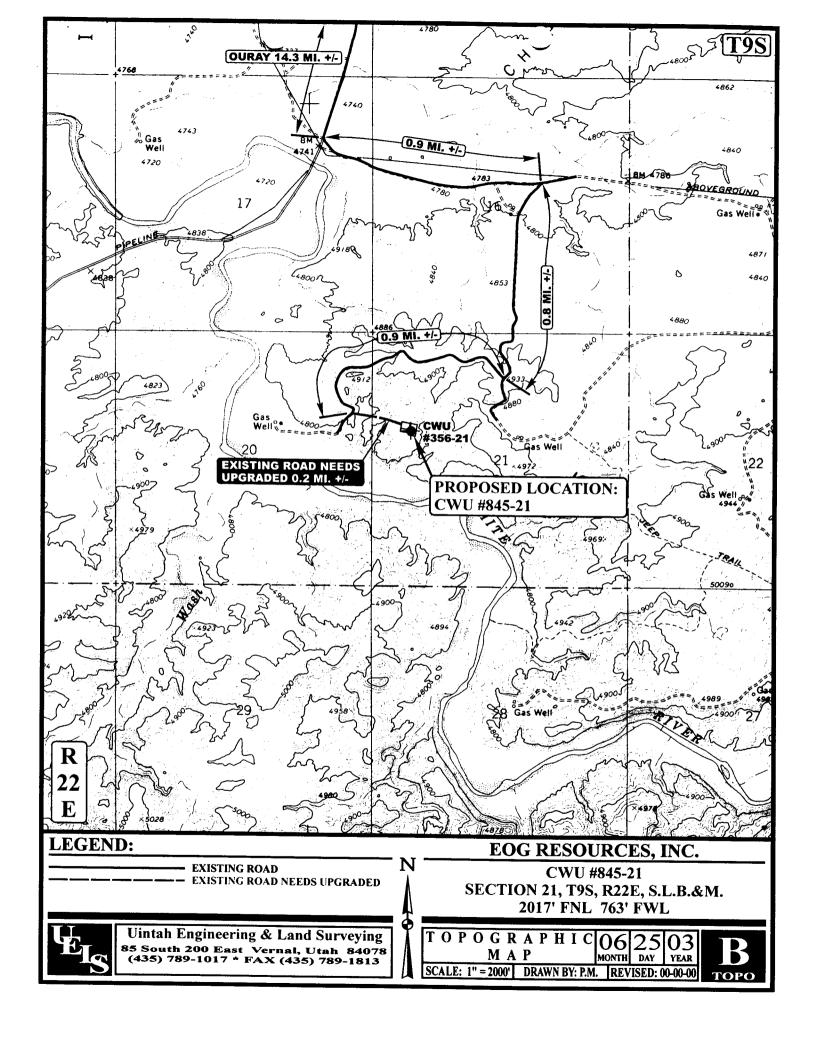


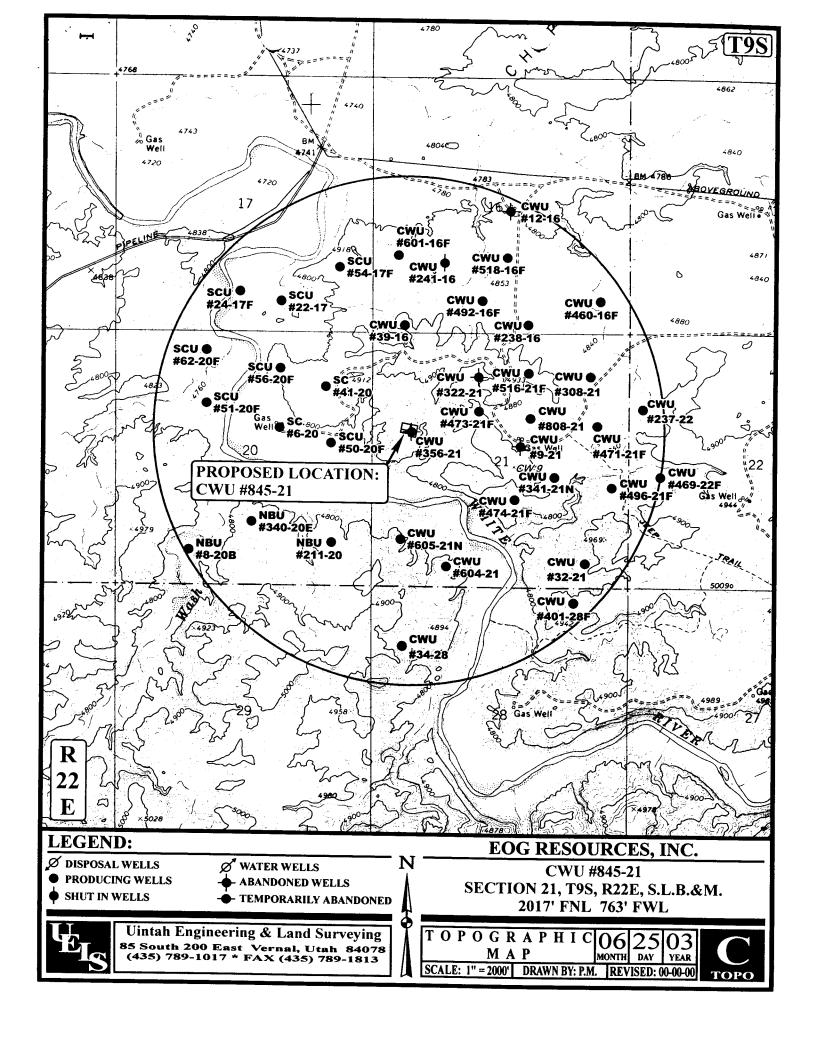
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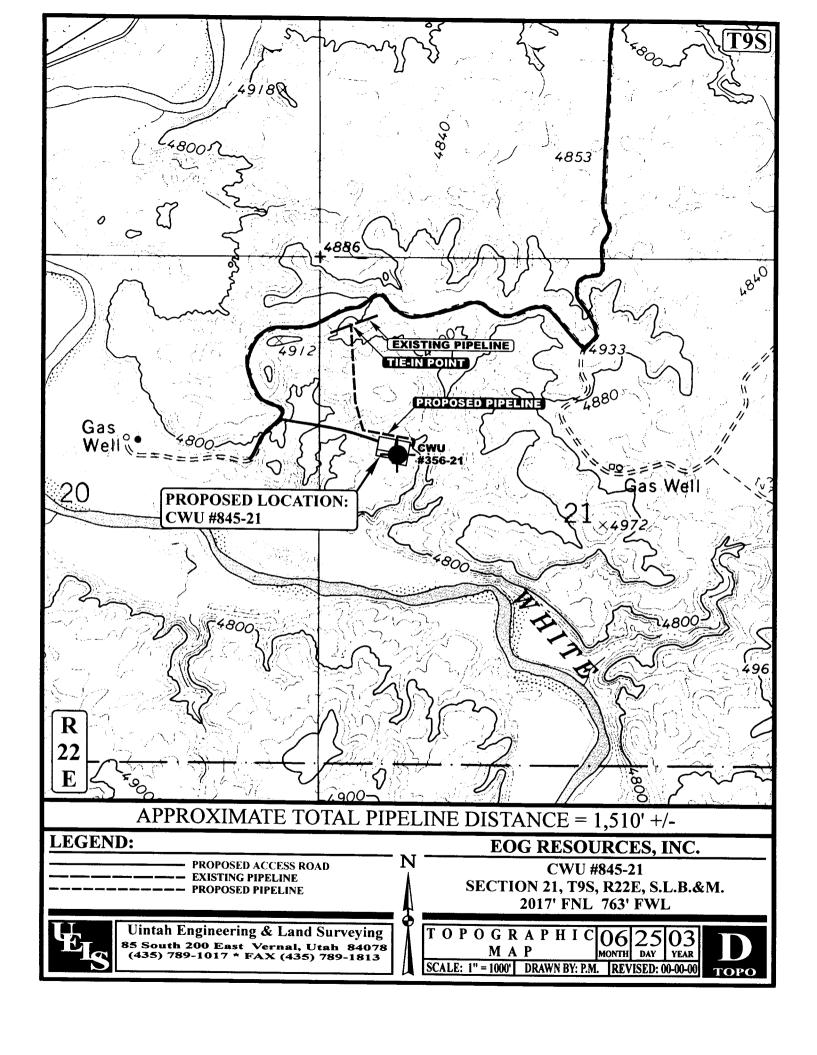
UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

FILL



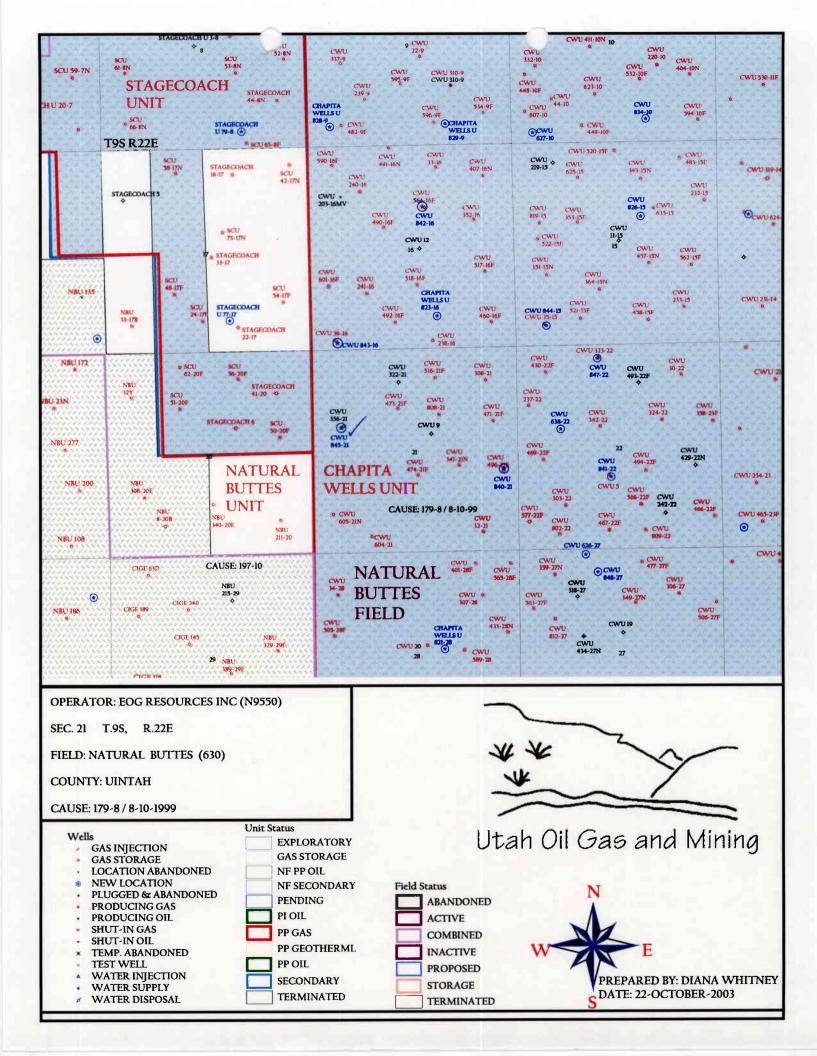






## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/21/2003	API NO. ASSIGNED: 43-047-35303			
WELL NAME: CWU 845-21  OPERATOR: EOG RESOURCES INC ( N9550 )  CONTACT: ED TROTTER	PHONE NUMBER: 435-789-4120			
PROPOSED LOCATION:  SWNW 21 090S 220E  SURFACE: 2017 FNL 0763 FWL  BOTTOM: 2017 FNL 0763 FWL  UINTAH  NATURAL BUTTES (630)  LEASE TYPE: 1 - Federal  LEASE NUMBER: U-0284-A  SURFACE OWNER: 2 - Indian  PROPOSED FORMATION: BLKHK	INSPECT LOCATN BY: / /  Tech Review Initials Date  Engineering  Geology  Surface  LATITUDE: 40.02324  LONGITUDE: 109.45102			
RECEIVED AND/OR REVIEWED:  Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. NM 2308 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 49-1501 )  RDCC Review (Y/N)  (Date: )  If Fee Surf Agreement (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit CHAPITA WELLS  R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells  R649-3-3. Exception  Drilling Unit  Board Cause No: /79-8 Eff Date: \$-10-99 Siting: Suspends Censer String  R649-3-11. Directional Drill			
STIPULATIONS: 1-Ledence apportunity of the Sha	TOWO ()			



#### United States Department of the Interior

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

October 23, 2003

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2003 Plan of Development Chapita Wells Unit

Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2003 within the Hanging Rock Unit, Uintah County, Utah.

API #

WELL NAME

LOCATION

(Proposed PZ Mesaverde)

43-047-35300 CWU 842-16 Sec. 16 T09S R22E 1614 FNL 2297 FEL 43-047-35301 CWU 843-16 Sec. 16 T09S R22E 0193 FSL 0670 FWL 43-047-35302 CWU 840-21 Sec. 21 T09S R22E 2112 FSL 0397 FEL 43-047-35303 CWU 845-21 Sec. 21 T09S R22E 2017 FNL 0763 FWL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Chapita Wells Unit

Division of Oil Gas and Mining

Agr. Sec. Chron Fluid Chron

MCoulthard:mc:10-23-3



Michael O. Leavitt Governor Robert L. Morgan Executive Director Lowell P. Braxton Division Director 1594 West North Temple, Suite 1210 PO Box 145801 Salt Lake City, Utah 84114-5801 (801) 538-5340 telephone (801) 359-3940 fax (801) 538-7223 TTY www.nr.utah.gov

October 23, 2003

EOG Resources, Inc. P O Box 1910 Vernal, UT 84078

Re: Chapita Wells Unit 845-21 Well, 2017' FNL, 763' FWL, SW NW, Sec. 21, T. 9 South,

R. 22 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35303.

Sincerely,

John R. Baza Associate Director

pab Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office



Operator:	EOG Resources, Inc.	
Well Name & Number	Chapita Wells Unit 845-21	
API Number:	43-047-35303	
Lease:	U-0284-A	

**Conditions of Approval** 

Sec. 21

**T.** <u>9 South</u>

**R.** 22 East

#### 1. General

Location: <u>SW NW</u>

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.
- 5. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM AP	PROVED
OMB NO.	1004-0136

5. Lease serial No.

U-0284-A 006 APPLICATION FOR PERMIT TO DRILL OR REENTER 6. If Indian, Allottee or Tribe name **UTE INDIAN TRIBE** 1a. TYPE OF WORK ☑ DRILL ☐ REENTER 7. If Unit or CA Agreement, Name and No. CHAPITA WELLS UNIT b. TYPE OF WELL ☐Oil Well 🏻 Gas Well Other ☑ Single Zone ☐ Multiple Zone 2. Name of Operator 8. Lease Name and Well No. EOG RESOURCES, INC. CHAPITA WELLS UNIT 845-21 3a. Address 9. API Well No. P.O. BOX 1910, VERNAL, UT 84078 43-047-35303 3b. Telephone Number: (435)789-4120 10. Field and pool, or Exploratory NATURAL BUTTES 4. Location of Well (Report location clearly and in accordance with any State requirements.\*) 11. Sec., T., R., M., or BLK. And survey of area At surface 2017' FNL & 763' FWL SW/NW SEC. 21, T9S, R22E, S.L.B.&M. At proposed prod. Zone 14. Distance in miles and direction from nearest town or post office\* 12. County or parish 13. State 17.1 MILES SOUTHEAST OF OURAY, UTAH UINTAH **UTAH** 15. Distance from proposed 16. No. of acres in lease 17. Spacing Unit dedicated to this well location to nearest property or lease line, ft. 763 1240 (Also to nearest drig. Unit line, if any) 20. BLM/BIA Bond No. on file RECEIVED 18. Distance from proposed location\* 19. Proposed depth to nearest well, drilling, completed, See Map C 10,275 or applied for, on this lease, ft. #NM 2308 FEB 1 0 2004 21. Elevations (show whether DF, KDB, RT, GL, etc. 22. Approx. date work will start\* 23. Estimated duration DIV. OF OIL, GAS & MINING 4819.1 FEET GRADED GROUND UPON APPROVAL 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: Well plat certified by a registered surveyor. 4. Bond to cover the operations unless covered by an existing bond on file A Drilling Plan 2. (see item 20 above). A Surface Use Plan (if the location is on National Forest System lands, the Operator certification. SUPO shall be filed with the appropriate Forest Service Office. 6. Such other site specific information and/or plans as may be required by the Authorized officer. 25. Signature Name (Printed/ Typed) Date Zel witt Ed Trotter October 7, 2003 Title Agent Approved by (Signature) Name (Printed/Typed) Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the

OTHA UDOGM

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

COAs Page 1 of 8 Well No.: CWU 845-21

# CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator:	EOG Resources Inc.			
Well Name & Number:	CWU 845-21	RECEIVED		
API Number:	43-047-35303	FEB 1 0 2004		
Lease Number:	UTU – 0284-A	DIV. OF OIL, GAS & MINING		
Location: SWNW S	ec. <u>21</u> TWN: <u>09S</u> RNG: <u>22E</u>			
Agreement:	CHAPITA WELLS UNIT			

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

COAs Page 2 of 8 Well No.: CWU 845-21

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### A. DRILLING PROGRAM

#### 1. <u>Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are</u> Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands encountered to John Mayer this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a <u>5M</u> system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and other valuable resources shall be isolated and/or protected by having a cement top for the intermediate casing at least 200 ft. above the base of the usable water zone, identified at ±315 ft. and by having a cement top for the production casing at least 200 ft. above the top of the Wasatch Formation, identified at

COAs Page 3 of 8 Well No.: CWU 845-21

 $\pm$ 4,870 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

#### 4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

#### 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

COAs Page 4 of 8 Well No.: CWU 845-21

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shutin the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

COAs Page 5 of 8 Well No.: CWU 845-21

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman

(435) 828-7874

Petroleum Engineer

Kirk Fleetwood

(435) 828-7875

Petroleum Engineer

**BLM FAX Machine** 

(435) 781-4410

#### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

COAs Page 7 of 8 Well No.: CWU 845-21

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

EOG Resources, Inc. (EOG) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All EOG personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

EOG employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

EOG employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

EOG will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). EOG shall receive written notification of authorization or denial of the requested modification. Without authorization, EOG will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. EOG shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline.

A ROW, 30 feet wide and 1097 feet long, shall be granted by BIA for the new access road. A corridor ROW, 30 feet wide and 1028 feet long, shall be granted for the pipeline construction. The constructed, travel width of the access road will be limited to 18 feet. Upon authorization by the Ute Tribe Energy & Minerals Department, the ROW may be wider where sharp curves; deep cuts and fills occur; or, where intersections with other roads are required.

Culverts and diversion ditches will be placed and constructed where needed. Road base gravel will be used where sandy soils make roadways and the drilling location hazardous for access or drilling operations.

Upon completion of the pertinent APD and ROWs, EOG will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

EOG will implement "Safety and Emergency Plan" and ensure plan compliance.

EOG shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

EOG employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

EOG will control noxious weeds on the well site and ROWs. EOG will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled, to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The pipeline portion of the ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads. They shall be pulled into place and assembled with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Buried pipelines shall be buried a minimum of 3 feet below the soil surface. After construction is completed the disturbed area shall be contoured to blend into the natural landscape and be reseeded between September 15 and November 1 of the year following construction with perennial vegetation seed mixture provided by the BIA or Ute Tribe.

Before the site is abandoned, EOG will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeding all disturbed areas.

### DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Company:	EOG RESOU	RCES INC	
Well Name:	CWU 845-21		
Api No: 43-047-3	5303	_Lease Type:	FEDERAL
Section <u>21</u> Townsl	hip <u>09S</u> Range <u>22</u>	E County	UINTAH
Drilling Contractor	BILL MATIN'S	RIC	G#AIR
SPUDDED:  Date	05/23/04	_	
Time	2:00 PM	_	
How	ROTARY	_	
Drilling will comm	ence:		
Reported by	ED TROTTER		
Telephone #	1-435-789-4120		
Date <u>05/24/2004</u>	Signed	CHD	

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OPERATOR: EOG Resources, Inc. ADDRESS: P.O. BOX 250

OPERATOR ACCT. NO. 9550
FAX: EARLENE RUSSELL

(801) 359-3940

**ENTITY ACTION FORM - FORM 6** 

BIG PINEY, WYOMING 83113

ACTION	CURRENT	NEW	API	WELL NAME	LOCATION			SPUD	EFFECTIVE	1		
CODE		ENTITY NO.	· -		QQ	SEC.	TP	RG	COUNTY	DATE	DATE	1
A		_		CHAPITA WELLS UNIT 824-23	swsw	23	98	22E	UINTAH	5/24/2004	5/31/04	K
	PR	20										
А	99999	14173	43-047-35303	CHAPITA WELLS UNIT 845-21	SWNW	21	98	22E	UINTAH	5/23/2004	5/27/04	K
	BU	KHK										
A	99999	14.174	43-047-35010	NORTH DUCK CREEK 209-22	NESE	22	8\$	21E	UINTAH	5/23/2004	4/27/04	K
	WS.	m VD										
								,				
						•						
	1	<u>.</u>	1		1	<u> </u>	l	1				

ACTIONS CODES (See instructions on back of form)

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

Signature

Sr. Regulatory Assistant

5/25/2004

Title

Phone No.

(307) 276-4833

**RECEIVED** 

MAY 2 6 2004

**STATE OF UTAH** 

V 1 V	DEPARTMENT OF NATURAL RESOUR	RCES	
010	5. LEASE DESIGNATION AND SERIAL NUMBER: U-0284-A		
SUNDF	RY NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to dr	ill new wells, significantly deepen existing wells below cur al laterals. Use APPLICATION FOR PERMIT TO DRILL f	rent bottom-hole depth, reenter plugged wells, o	7. UNIT OF CA AGREEMENT NAME: CHAPITA WELLS UNIT
1. TYPE OF WELL OIL WEL		оппотвистроровая.	8. WELL NAME and NUMBER:  CHAPITA WELLS UNIT 845-21
2. NAME OF OPERATOR: EOG RESOURCES, INC	2		9. API NUMBER: 4304735303
3. ADDRESS OF OPERATOR:	J.	PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
P.O. BOX 1910	VERNAL STATE UT ZIP	84078 (435) 789-4120	NATURAL BUTTES
FOOTAGES AT SURFACE: 2017	" FNL, 763' FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, R	ANGE, MERIDIAN: SWNW 21 9S 2	2E S	STATE: UTAH
11. CHECK AP	PROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
[7] vories es ultiple	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)		PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	CHANGE WELL STATUS		
	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	OTHER:
	. CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMA	TON
	COMPLETED OPERATIONS. Clearly show all particles approval to change the drill risions.		
			Company of the Compan
			COPY SENT TO OPERATOR
			Date: 6-1-acc
		) i	nitials CHO
		\$	e e
NAME (PLEASE PRINT) Ed Trott		TITLE Agent	- Manage M. Cortists - Machine Andrew As Almania R. As Agueria
SIGNATURE Kal (	tothe	DATE 5/25/2004	
(This space for State use only)	Accepted by the		DD
	Utah Division of	Federal Approval Of This	RECEIVED
0	il, Gas and Mining	Action Is Necessary	
Date:	~6/1/04 ·	· · · · · · · · · · · · · · · · · · ·	MAY 2 7 2004
Date.	(San last	nutions on Payarsa Side)	

DIV. OF OIL, GAS & MINING

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	DEPTH (KB)
Green River	1,523'
Wasatch	4,711'
Island	7,258'
KMV Price River	7,433'
KMV Price River Middle	8,126'
KMV Price River Lower	9,006'
Bit Trip Sego	9,380'
Sego	9,438'
KMV Castlegate	9,601'
Base Castlegate SS	9,826'
Bit Trip Blackhawk Shale	9,881'
KMV Blackhawk	10,011'

EST. TD: 10,275

Anticipated BHP 4400 PSI

**PATING FACTOR** 

### 3. PRESSURE CONTROL EQUIPMENT: Intermediate Hole-None

Production Hole – 5000 PSIG

BOP Schematic Diagrams attached.

#### 4. CASING PROGRAM:

HOLE SIZE	INTERVAL	LENGTH	SIZE	WEIGHT	GRADE	<b>THREAD</b>	COLLAPSE BURST TENSILE
17 1/2"	0'-40'	40'	13 3/8"	48.0 #	H-40	STC	770 PSI 1730 PSI 322,000#
12 1/4"	40' - 2500'+/- KB	2500' +/-	9 5/8"	36.0 #	J-55	ST&C	2020 PSI 3520 PSI 394,000#
7 7/8"	2500' - TD +/-KB	10,275' +/-	4 1/2"	11.6#	N-80	LT&C	6350 PSI 7780 PSI 223,000#

All casing will be new or inspected.

The 12 1/4" Intermediate hole will be drilled to a total depth of 200' below the base of the Green River lost circulation zone and 9 5/8" casing will be set to that depth. Actual setting depth of the 9 5/8" casing may be less than 2500' in this well.

#### 5. Float Equipment:

#### Surface Hole Procedure (0-40' Below GL):

None

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### Float Equipment (Continued):

#### Intermediate Hole Procedure (40'-2500')

**Guide Shoe** 

Insert Float Collar (PDC drillable)

Cents.: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to 250' from surface.

#### **Production Hole Procedure (2500'-TD'):**

FS, 1 joint of casing, FC, and balance of casing to surface. Run 11.6#, N-80 burst rating or equivalent marker collars or short casing joints at  $\pm$  7,258' (Top of Price River) and  $\pm$  4,300' (400' above the Wasatch) (alter depth if needed to avoid placing across any potentially- productive intervals). Centralize 5' above shoe on joint #1, top of joint #2, then every 2nd joint to 400' above Island top (50 total). Thread lock FS, top and bottom of FC, and top of  $2^{nd}$  joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (0-40' below GL):

Air - Air Water Mist or will use Bucket Rig

#### **Intermediate Hole Procedure (40'-2500'+/-):**

Air – Air Water Mist - Water (circulate through reserve pit) with Gel/LCM sweeps.

#### **Production Hole Procedure (2500'-TD):**

2700'- 4500' Water (circulate through reserve pit) with Gel/LCM sweeps.

- 4500'- 6900' Close in mud system. "Mud up" with <u>6.0 ppb</u> Diammonium Phosphate (DAP). Drill with DAP water, POLYPLUS for viscosity and hole cleaning, adding KLA-GARD B for supplemental inhibition. Also sweep hole periodically w/ Durogel / LCM sweeps to clean the hole and seal loss zones. Add additional LCM as hole dictates. Mud weight and vis as needed, water loss no control.
- Discontinue KLA-GARD B. Utilize POLYPAC-R for fluid loss control. Maintain <u>5.5</u> ppb DAP. Do not mix caustic or lime. Maintain 7.5-8.5 pH. Weight up system and add vis as hole conditions require. Run LCM sweep periodically to seal off loss zones or more often as hole dictates. Water loss: 20 cc's maximum. Expect increasing gas shows requiring heavier mud weights from top of Island onward. Treat CO<sub>2</sub> contamination with DESCO CF and OSIL (Oxygen scavenger) if mud properties dictate.

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

#### 7. VARIANCE REQUESTS:

- A. EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line (Where possible, a straight run blooie line will be used).
- B. EOG Resources, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line. (Not required on aerated water system).
- C. EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be 75' in length.

#### **8. EVALUATION PROGRAM:**

Logs: Cased hole logs will be ran.

#### 9. CEMENT PROGRAM:

#### Surface Hole Procedure (0-40' Below GL)

Class 'G' cement with 2% CaCl2 & 0.25 pps cellophane flakes, mixed at 15.8 ppg, or ready-mix concrete to within 4' of surface.

#### **Intermediate Hole Procedure (40'-2500'):**

#### Option #1: Well circulates or drills with air.

**Tail: 500' of** Class 'G' mixed at 15.8 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess or Type 5 Cement mixed at 15.6 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess.

**Lead:** Hi-Fill Cement mixed at 11 ppg with 16% Gel, 10#/sx Gilsonite, 3% salt, 3#/sx GR-3 and 0.25 #/sx Flocele plus 35% Excess.

#### Option #2: Well does not circulate.

Class 'G' cement mixed at 15.8 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess or Type % 5 Cement mixed at 15.6 ppg w/ 2% CaCl2 & 0.25 pps Flocele + 35% Excess to 100' above the lost circulation zone and top out with same with 3-4% CaCl2 to get cement returns to surface.

#### Production Hole Procedure (2500' to TD)

**Lead:** 110 sks 35:65 Poz G w/ 4% D20 (Bentonite), 2% D174 (Extender), 0.2% D65 (Dispersant), 0.2% D46 (Antifoam), 0.75% D112 (Fluid Loss Additive), 0.15% D13 (Retarder), 0.25 pps D29 (cello flakes), mixed at 13.0 ppg, 1.73 cu. ft./sk., 9.06 gps water

#### CHAPITA WELLS UNIT 845-21 SW/NW, SEC. 21, T9S, R22E, S.L.B.&M. UINTAH COUNTY, UTAH

**Tail:** 190 sks: 50:50 Poz G w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.15% D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant), mixed at 14.1 ppg, 1.28 cu. ft./sk., 5.9 gps water.

#### 10. ABNORMAL CONDITIONS:

#### Intermediate Hole (40'-2500'):

Lost circulation below 1800' and minor amounts of gas may be present.

#### **Production Hole (2500'-TD):**

Sloughing shales and key seat development are possible in the Wasatch Formation. CO<sub>2</sub> contamination in the mud is possible in the Price River (Mesa Verde).

#### 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

Form 3160-5 (August, 1999)

# TITED STATES DEPART NT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY Do not use this abandoned wes		Lease Serial No.     U-0284-A      If Indian, Allottee or Tribe Name     UTE INDIAN TRIBE					
SUBMIT IN TRI	SUBMIT IN TRIPLICATE - Other instructions on reverse side.						
1. Type of Well ☐ Oil Well ☑ Gas Well ☐ Oth	8. Well Name and No CHAPITA WELLS						
Name of Operator     EOG RESOURCES, INC	9. API Well No. 43-047-35303	···					
3a. Address P. O. BOX 250 BIG PINEY, WY 83113	10. Field and Pool, or NATURAL BUT						
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)			11. County or Parish,	and State		
Sec 21 T9S R22E SWNW 201 40.02326 N Lat, 109.45133 W				UINTAH COUN	TY, UT		
12. CHECK APPE	OPRIATE BOX(ES) TO	INDICATE NATURE OF 1	NOTICE, R	EPORT, OR OTHE	R DATA		
TYPE OF SUBMISSION		ТҮРЕ ОІ	F ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen ☐ Prod		ion (Start/Resume)	☐ Water Shut-Off		
_	☐ Alter Casing	☐ Fracture Treat ☐ Recl		ation	■ Well Integrity		
☑ Subsequent Report	□ Casing Repair	■ New Construction	□ Recomp	olete	Other		
☐ Final Abandonment Notice	☐ Change Plans	□ Plug and Abandon	☐ Tempor	arily Abandon	Well Spud		
	☐ Convert to Injection	□ Plug Back	☐ Water I	Disposal			
13. Describe Proposed or Completed Ope If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi EOG Resources, Inc spud a 2 contractor was Bill Jr's Air Rig. Vernal BLM office and Carol D	ally or recomplete horizontally, good will be performed or provide to operations. If the operation resumment Notices shall be filed and inspection.)  Or surface hole at the reference to the control of	rive subsurface locations and measure and not	red and true ve a. Required sub impletion in a reing reclamation 00 p.m. The nan of the	ertical depths of all pertir bsequent reports shall be new interval, a Form 316 n, have been completed,	ent markers and zones. filed within 30 days 0-4 shall be filed once		

**RECEIVED** 

MAY 2 / 2004

			DIV OF OIL CAS	MININO
14. I hereby certify that th	e foregoing is true and correct. Electronic Submission #31084 verifier For EOG RESOURCES,			
Name (Printed/Typed)	ALFREDA SCHULZ	Title	AUTHORIZED REPRESENTATIVE	
Signature	(Electronic Submission)  THIS SPACE FOR FEDERA	Date	05/25/2004 STATE OFFICE USE	
Approved By  Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Title		Date
	and Title 43 U.S.C. Section 1212, make it a crime for any po	rson kno	wingly and willfully to make to any department or agenc	v of the United

# TED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

5. Lease Serial No.

	U-0284	-A		
_	TCT 11	A 11	700 11	-

abandoned well. Use form 3160-3 (APD) for such proposals.				UTE INDIAN TRIBE			
SUBMIT IN TRIPLICATE - Other instructions on reverse side.					7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI		
Type of Well     Oil Well	er				8. Well Name and No. CHAPITA WELLS	UNIT 845-21	
Name of Operator     EOG RESOURCES, INC	Contact:	ALFREDA SCH E-Mail: alfreda_s		sources.com	9. API Well No. 43-047-35303		
3a. Address P. O. BOX 250 BIG PINEY, WY 83113  3b. Phone No. (include area code) Ph: 307.276.4833				de)	10. Field and Pool, or E NATURAL BUTT		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish, as	nd State	
Sec 21 T9S R22E SWNW 2017FNL 763FWL 40.02326 N Lat, 109.45133 W Lon					UINTAH COUNT	Y, UT	
12. CHECK APPR	COPRIATE BOX(ES) To	O INDICATE N	ATURE OF	NOTICE, RI	EPORT, OR OTHER	DATA	
TYPE OF SUBMISSION		· · · · · · · · · · · · · · · · · · ·	ТҮРЕ	OF ACTION			
Notice of Intent     ■     Notice of Intent	☐ Acidize	☐ Deepe	n	□ Product	ion (Start/Resume)	☐ Water Shut-Off	
	☐ Alter Casing	☐ Fractu	re Treat	☐ Reclam	ation	☐ Well Integrity	
☐ Subsequent Report	□ Casing Repair	☐ New C	Construction	☐ Recomp		☐ Other	
☐ Final Abandonment Notice	☐ Change Plans		nd Abandon		arily Abandon		
13. Describe Proposed or Completed Ope	☐ Convert to Injection			☑ Water I	1		
testing has been completed. Final Abdetermined that the site is ready for final Abdetermined that the site is ready for final Abdetermined that the site is ready for final EOG Resources, Inc requests to any of the following location 1. Natural Buttes Unit 21-20B 2. Ace Disposal. 3. EOG Resources, Inc. drillin Unit). 4. RN Industries.	nal inspection.)  authorization for disposa s. SWD. g operations (Chapita W	al of produced w	rater from the	e referenced v	vell		
	Oil, Gas	and Mining	7		RECEIVED		
	FOR RE	CORD ONL	Υ.		MAY 2 / 2	2004	
14. I hereby certify that the foregoing is	Electronic Submission	#31085 verified b RESOURCES, IN	y the BLM W C, sent to th	ell Information e Vernal	DIV. OF OIL, GAS System	& MEEN G	
Name (Printed/Typed) ALFREDA SCHULZ Title AUTHORIZE			IORIZED REP	PRESENTATIVE			
Signature (Electronic Submission) Date 05/25/2004				/2004			
	THIS SPACE F	OR FEDERAL	OR STAT	E OFFICE U	SE		
Approved By			Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct to con	itable title to those rights in th	ne subject lease	Office				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations a	a crime for any persons to any matter with	on knowingly a in its jurisdiction	nd willfully to ma	ake to any department or a	gency of the United	

Form 3160-5 (August 1999)

# TED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

5. Lease Serial No. U-0284-A

	TOT 11 A11 OD 11 3.7
h	If Indian, Allottee or Tribe Name
v.	
	LITE INDIAN TOIDE
	UTE INDIAN TRIBE

					OTE INDIAN IN		
SUBMIT IN TRIPLICATE - Other instructions on reverse side.				7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI			
1. Type of Well					8. Well Name and No. CHAPITA WELLS UNIT 845-21		
☐ Oil Well 🖸 Gas Well 🔲 Oth					9. API Well No.		
2. Name of Operator EOG RESOURCES, INC	Contact:		_schulz@eogres		43-047-35303		
3a. Address P. O. BOX 250 BIG PINEY, WY 83113		3b. Phone No. Ph: 307.27	(include area cod 6.4833	(e)	10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Footage, Sec., T.	, R., M., or Survey Description	n)	-		11. County or Parish,	and State	
Sec 21 T9S R22E SWNW 2017FNL 763FWL 40.02326 N Lat, 109.45133 W Lon				UINTAH COUN	TY, UT		
12. CHECK APPR	ROPRIATE BOX(ES) T	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			ТҮРЕ (	OF ACTION			
	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	■ Water Shut-Off	
☑ Notice of Intent	☐ Alter Casing	☐ Frac	ture Treat	□ Reclam	ation	■ Well Integrity	
☐ Subsequent Report	☐ Casing Repair		Construction	☐ Recomp	olete	☐ Other	
☐ Final Abandonment Notice	☐ Change Plans	— ☐ Plug	and Abandon	☐ Tempor	arily Abandon		
<b>3</b>	☐ Convert to Injection				•		
determined that the site is ready for final inspection.)  EOG Resources, Inc requests authorization for disposal of produced water from the referenced well to any of the following locations.  1. Natural Buttes Unit 21-20B SWD.  2. Ace Disposal.  3. EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).  4. RN Industries.  RECEIVED  MAY 2 / 2004  DIV. OF OIL, GAS & MINING							
14. I hereby certify that the foregoing is	s true and correct						
14. Thorough county that the foregoing is	Electronic Submission	#31085 verified RESOURCES,	by the BLM WINC, sent to the	eli information e Vernai	System		
Name (Printed/Typed) ALFREDA	SCHULZ		Title AUTH	IORIZED REF	PRESENTATIVE		
Signature (Electronic S	Submission)		Date 05/25	/2004			
	THIS SPACE F	OR FEDERA	L OR STATI	E OFFICE U	SE		
Approved By			Title			Date	
Conditions of approval, if any, are attache	ed. Approval of this notice doe	s not warrant or					
certify that the applicant holds legal or equivalent would entitle the applicant to condu	uitable title to those rights in thuct operations thereon.	ne subject lease	Office				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it statements or representations a	a crime for any po as to any matter w	erson knowingly a ithin its jurisdiction	nd willfully to m on.	ake to any department or	agency of the United	

Form 3160-5 (August 1999)

# TED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

FORM APPROVED OMB NO. 1004-0135 Expires: November 30, 2000

5. Lease Serial No. U-0284-A

UTE INDIAN TRIBE
7. If Unit or CA/Agreement, Name and/or No. CHAPITA WELLS UNI

					0,0,0,0,0,0,0		
1. Type of Well		•			8. Well Name and No. CHAPITA WELLS UNIT 845-21		
☐ Oil Well 🖸 Gas Well 🔲 Oth							
2. Name of Operator EOG RESOURCES, INC	Contact:	ALFREDA SC E-Mail: alfreda_		sources.com	9. API Well No. 43-047-35303		
3a. Address P. O. BOX 250 BIG PINEY, WY 83113		3b. Phone No. ( Ph: 307.276		de)	10. Field and Pool, or NATURAL BUT		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	n)			11. County or Parish,	and State	
Sec 21 T9S R22E SWNW 20 <sup>-</sup> 40.02326 N Lat, 109.45133 W					UINTAH COUN	TY, UT	
12. CHECK APPI	ROPRIATE BOX(ES) TO	O INDICATE 1	NATURE OI	F NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			ТҮРЕ	OF ACTION			
	☐ Acidize	☐ Deepe		☐ Product	ion (Start/Resume)	☐ Water Shut-Off	
Notice of Intent   ■ Notice of Intent	☐ Alter Casing		ire Treat	☐ Reclam		☐ Well Integrity	
☐ Subsequent Report	Casing Repair	_	Construction	Recomp		Other	
☐ Final Abandonment Notice	Change Plans	_	and Abandon		arily Abandon		
Tillal Adalidolillient Notice	<del>-</del>			_ •	-		
13. Describe Proposed or Completed Ope	☐ Convert to Injection			Water □	•		
EOG Resources, Inc requests to any of the following locatior 1. Natural Buttes Unit 21-20B 2. Ace Disposal. 3. EOG Resources, Inc. drillir Unit). 4. RN Industries.	ns. 3 SWD. ng operations (Chapita W	·					
14. I hereby certify that the foregoing is	s true and correct.	<b>#0400 15</b>		f . 11 1 f	04		
	Electronic Submission a	#31085 verified in RESOURCES, IN	oy the BLM W IC, sent to th	reii intormation ne Vernal	System		
Name (Printed/Typed) ALFREDA	SCHULZ		Title AUTH	HORIZED REF	PRESENTATIVE		
Signature (Electronic S	Submission)		Date 05/25	5/2004			
Signature (Electronic C					er		
	THIS SPACE FO	UR FEDERAL	. UK STATI	E OFFICE U	3E		
			Tial-			Date	
_Approved By		· <del> </del>	Title			Date	
Conditions of approval, if any, are attache certify that the applicant holds legal or equ which would entitle the applicant to condu-	uitable title to those rights in the		Office				
Title 18 U.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent	U.S.C. Section 1212, make it a statements or representations as	a crime for any pers s to any matter with	on knowingly a	and willfully to ma	ake to any department or	agency of the United	

	STATE OF UTAH		FORM 9
011	DEPARTMENT OF NATURAL RESOUR DIVISION OF OIL, GAS AND MI		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0284-A
SUNDRY	NOTICES AND REPORTS	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
Do not use this form for proposals to drill no drill horizontal la	ew wells, significantly deepen existing wells below cur terals. Use APPLICATION FOR PERMIT TO DRILL f	rrent bottom-hole depth, reenter plugged wells, or to form for such proposals.	7. UNIT OF CA AGREEMENT NAME: CHAPITA WELLS UNIT
1. TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHER _		8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 845-21
2. NAME OF OPERATOR: EOG RESOURCES, INC			9. API NUMBER: 4304735303
3. ADDRESS OF OPERATOR: P.O. BOX 250	, BIG PINEY STATE WY ZIP	83113 PHONE NUMBER: (307) 276-3331	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017 I	FNL - 763 FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANG	ge, meridian: SWNW 21 9S 2	22E	STATE: UTAH
11. CHECK APPR	ROPRIATE BOXES TO INDICAT	TE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE ALTER CASING	DEEPEN FRACTURE TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR  CHANGE TO PREVIOUS PLANS	NEW CONSTRUCTION OPERATOR CHANGE	TEMPORARILY ABANDON TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME  CHANGE WELL STATUS	PLUG BACK PRODUCTION (START/RESUME)	WATER DISPOSAL WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	OTHER: DRILLING OPERATIONS
	CONVERT WELL TYPE		
		oertinent details including dates, depths, volume	
NAME (PLEASE PRINT) Alfreda Sc	hulz	TITLE Sr. Regulatory As	ssistant

(This space for State use only)

SIGNATURE

RECEIVED

JUL 0 1 2004

DIV. OF OIL, GAS & MINING

DATE 6/29/2004

Schulz

Luda

#### WELL CHRONOLOGY **REPORT**

Report Generated On: 06-29-2004

Well Name	CWU 845-21	Well	Туре	DEVG	Division	DENVER		
Field	CHAPITA WELLS DE	EP API#	ŧ	43-047-35303	Well Clas	S DRIL		
County, State	UINTAH, UT	Spud	Date	06-22-2004	Class Dat	ie .		
Tax Credit	N	TVD	/ MD	10,275/ 10,275	Property	# 053501		
Water Depth	0	Last	CSG	9.625	Shoe TVI	<b>D / MD</b> 2,427/2,427		
KB / GL Elev	4,833/ 4,819							
Location	Section 21, T9S, R22E,	, SWNW, 2017						
Event No	1.0	Descr	ription	DRILL & COMPLET	3			
Operator	EOG RESOURCES, IN	NC WI %	ó .	50.0	NRI %	43.5		
AFE No	302505	AFE	Total		DHC / C	CWC		
Rig Contr	TRUE Rig	Name	9	Start Date	10-24-2003	Release Date		
Rig Contr	TRUE Rig	Name	TRUE #9	Start Date	10-24-2003	Release Date		

10-24-2003 Reported By \$0 **Daily Total** \$0 DailyCosts: Drilling \$0 Completion Well Total \$0 \$0 \$0 Completion

**Cum Costs: Drilling** 0 0 MW Visc 0 0 **Progress** MD **TVD** Days

PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation:

0.0

Activity at Report Time: LOCATION DATA

**Activity Description** Start End Hrs 06:00 06:00 24.0 LOCATION DATA

> 2017' FNL & 763' FWL (SW/NW) SECTION 21, T9S, R22E

UINTAH COUNTY, UTAH

TRUE RIG #9

TD: 10,275' MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROJECT CHAPITA WELLS UNIT PROSPECT

LEASE: U-0284-A

ELEVATION: 4819' NAT GL, 4819' PREP GL, 4833' KB (14')

EOG WI 50%, NRI 43.5%

05-30-2004 Reported By				DDIE TROTTER							
DailyCosts: D	rilling			Com	pletion	\$0 Daily Total					
Cum Costs: I	Prilling	\$	,	Com	pletion	\$0		Well 7	<b>fotal</b>	,	
MD	2,430	TVD	2,430	Progress	0	Days	0	MW	0.0	Visc	0.0

Formation:

**PBTD**: 0.0

Perf:

PKR Depth: 0.0

Activity at Report Time: WORT

Start End Hrs

Hrs Activity Description

06:00 06:00

24.0 MIRU PETE MARTIN'S BUCKET RIG. SPUDDED 20" HOLE @ 2:00 PM, 5/23/04.

DRILLED 20" HOLE TO 45'. RAN 45' OF 13–3/8" 54#/FT H–40 ST&C CONDUCTOR PIPE AND CEMENTED TO SURFACE. DRILLED AND LINED RAT AND MOUSE HOLES. RD BUCKET RIG.

MIRU BILL JR'S AIR RIG.

DRILLED 12–1/4" HOLE TO 2430'. HIT WATER ZONE AND LOST CIRCULATION AT 1700' GL. RAN 57 JTS (2409.50') OF 9–5/8", 36.0#/FT, J–55, ST&C CASING & LANDED @ 2427.00' KB. RU BIG 4 CEMENTERS. PRESSURE TESTED LINES AND CEMENT VALVE TO 1500 PSIG. PUMPED 170 BBLS WATER AHEAD. MIXED & PUMPED 20 BBLS GELLED WATER AHEAD OF CEMENT.

LEAD CEMENT: MIXED & PUMPED 220 SX (149.6 BBLS) CEMENT W/16% GEL & 10#/SX GILSONITE, 3% SALT, 2% CACL2 & ¼ #/SX FLOCELE. MIXED CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAIL CEMENT: MIXED & PUMPED 200 SX (42 BBLS) CEMENT W/2% CACL2 & ¼ #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/183.30 BBLS WATER. BUMPED PLUG W/600#, CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. HAD CEMENT RETURNS TO SURFACE BUT FELL BACK. RAN 1" PIPE DOWN ANNULUS.

TOP OUT #1: MIXED & PUMPED 250 SX (52.5 BBLS) PREMIUM CEMENT W/4% CACL2 & ¼#/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 6 BBLS CEMENT RETURNS TO SURFACE, CEMENT FELL BACK.

TOP OUT #2: MIXED & PUMPED 85 SX (18 BBLS) PREMIUM CEMENT W/4% CACL2 & ¼#/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 8 BBLS CEMENT RETURNS TO SURFACE, CEMENT STAYED AT SURFACE.

RD BIG 4 CEMENTERS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

#### NOTIFIED ED FORSMAN W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL.

06-22-20	04 R	Reported I	BR BR	UCE TAYLOR							
DailyCost	s: Drilling			Completion \$0			Daily Total				
Cum Cost	ts: Drilling	Ţ.		Completion \$0				Well Total			
MD	2,430	TVD	2,430	Progress	365	Days	1	MW	8.3	Visc	26.0
Formation:			<b>PBTD</b> : 0.0	0		Perf:			PKR Dep	oth: 0.0	
Activity a	Activity at Report Time: DRILLING										
Start	End	Hrs	Activity Descr	ription							
11:00	16:00	5.0	RIG UP QUICK VALVES TO 250 KELLY 250 AD	0 AND 5000 PS	SI FOR 10	MIN. TESTE	,	•			
16:00	16:30	0.5	TESTED CASIN	NG TO 1500 PS	I FOR 30	MINUTES.					
16:30	23:30	7.0		DE UP 7 7/8 DSX210 PDC JETTED .850 TFA WITH 7 3/4" IBS NEAR BIT STAB, PONY COLLAR, STAB, 1-DC, B, AND REST OF BHA. PICKED UP DP OFF RACKS TO TOP OF CEMENT.							TAB, 1-DC,
23:30	00:00	0.5	PICKED UP KE	LLY. INSTAL	LED ROTA	ATING HEAD					

00:00	01:00	1.0 DRILLED CEMENT/FLOAT EQUIPMENT 2370' TO 2430'. DRILLED 10' NEW HOLE TO 2440'.
01:00	01:30	0.5 CIRCULATED SAMPLES TO SURFACE.
01:30	02:00	0.5 PERFORM FIT TEST TO 11.5 PPG EQUIVALENT WITH 8.4 WATER IN HOLE AND 400 PSI APPLIED PRESSURE. PRESSURE BROKE BACK TO 240 PSI.
02:00	02:30	0.5 DRILLED 2430' TO 2495' (65'), 130'/HR, 18/20K WOB, 58 RPM.
02:30	03:00	0.5 SURVEYED @ 2430', 3 DEG.
03:00	06:00	3.0 DRILL & ROTATE 2495' TO 2795' (300'), 100'/HR, 18/20K WOB, 58 RPM.

FUEL AT START OF JOB 3350 GAL

RIG ON DAYWORK @ 11:00, 6/21/2004

NOTIFIED BLM (ED FORSMAN) IN VERNAL OF BOP TEST @ 01:00 PM, 6/19/2004 SAFETY MEETING: TESTING BOP'S, PU DP, SNUB LINES AND WHIP CHECKS BOP DRILL, NIGHTS, I MIN 38 SEC

TEMP 52°

#### SPUD 7 7/8" SURFACE HOLE AT 02:00 HRS, 6/22/2004.

06-23-2004	R	eported By	Bl	RUCE TAYLOR	ł						
DailyCosts:	Drilling			Completion			Daily Total				
Cum Costs:	Drilling			Completion			Well Total				
MD	4,780	TVD	4,780	Progress	1,985	Days	2	MW	8.4	Visc	27.0
Formation P			PRTD: 0	PBTD: 00 Pc			PKR Depth: 0.0				

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILLED 2795' TO 2870', (75'), 50'/HR, 18/20K WOB, 58 RPM.
07:30	08:00	0.5	SURVEYED @ 2820', 3 1/2 DEG.
08:00	08:30	0.5	DRILLED 2870' TO 2932', (62'), 124'/HR, 18/20K WOB, 58 RPM.
08:30	09:00	0.5	SERVICED RIG & FUNCTION TESTED HYDRIL, FLOOR VALVES & CHECK COM.
09:00	11:30	2.5	DRILLED 2932' TO 3242' (310') 124'/HR. 18/22K WOB, 58 RPM.
11:30	12:00	0.5	SURVEYED @ 3200', 3 1/2 DEG.
12:00	16:30	4.5	DRILLED 3242' TO 3648' (406') 90.2'/HR. 18/22K WOB, 58 RPM.
16:30	17:00	0.5	SURVEYED @ 3597', 2 3/4 DEG.
17:00	23:00	6.0	DRILLED 3648' TO 4126', (478'), 79.6'/HR, 18/22K WOB, 58 RPM.
23:00	23:30	0.5	SURVEYED @ 4070', 2 1/2 DEG.
23:30	03:30	4.0	DRILLED 4126' TO 4614', (488'), 122'/HR, 20/22K WOB, 58 RPM.
03:30	04:00	0.5	SURVEYED @ 4572', 2 1/2 DEG
04:00	06:00	2.0	DRILLED 4614' TO 4780', (166'), 83'/HR, 20/22K WOB, 58 RPM.

FORMATION: WASATCH 4717'

SAFETY MEETING: GAS KICKS, RUNNING SLICK LINE UNIT BOP DRILL, NIGHTS: 1 MIN 38 SEC, DAYS: 1 MIN 22 SEC

TEMP 54°

06-24-2004 Reported By BRUG

BRUCE TAYLOR

DailyCosts: Drilling Completion \$0 Daily Total

• Well Name: CWU 845-21

Cum Cost	Cum Costs: Drilling Completion \$0 Well Total					Total					
MD	6,575	TVD	6,575	Progress	1,795	Days	3	MW	8.4	Visc	28.0
Formation:			PBTD:	0.0		Perf:			PKR De	<b>pth</b> : 0.0	
A otivity o	t Danart Ti	mo. DDII I	ING								

Activity at Report Time: DRILLING

Start	End	Hrs Activity Description
06:00	07:00	1.0 DRILLED 4780' TO 4864', (84'), 84'/HR, 20/22K WOB, 58 RPM.
07:00	07:30	0.5 SERVICED RIG. FUNCTION TESTED HYDRIL, RAM & FLOOR VALVES.
07:30	09:30	2.0 DRILLED 4864' TO 5113', (249'), 124.5'/HR, 20/22K WOB, 58 RPM.
09:30	10:00	0.5 SURVEYED @ 5070', 2 DEG.
10:00	10:30	0.5 DRILLED 5113' TO 5207', (94'), 188'/HR, 20/22K WOB, 58 RPM.
10:30	11:30	1.0 PULLED ROTATING HEAD RUBBER. INSTALLED WEAR BUSHING & RE-INSTALL ROTATING HEAD RUBBER.
11:30	17:00	5.5 DRILLED 5207' TO 5608'. (401'), 72.9'/HR, 20/22K WOB, 58 RPM.
17:00	17:30	0.5 SURVEYED @ 5560', 2 3/4 DEG.
17:30	23:30	6.0 DRILLED 5608' TO 6105', (497'), 82.8'/HR, 20/22K WOB, 58 RPM.
23:30	00:00	0.5 SURVEYED @ 6064', 2 1/2 DEG.
00:00	06:00	6.0 DRILLED 6105' TO 6575', (470'), 78.3'/HR, 20/22K WOB, 58 RPM.

SAFETY MEETING: FORK LIFT, LIFTING PIPE, WIRELINE SURVEYS TEMP 58 DEG

FORMATION: WASATCH @ 4721' 50% SH, 40% SS, 10% SLTST

06-25-2004	Reported By	BRUCE TAYLOR								
DailyCosts:	Drilling	Co	Completion \$0			\$0 Daily Total				
Cum Costs:	Drilling	Co	Completion		Well Total					
MD	7,655 <b>TVD</b>	7,655 <b>Progress</b>	1,080	Days	4	MW	9.0	Visc	37.0	
Formation :		<b>PBTD</b> : 0.0		Perf:			PKR De	<b>pth:</b> 0.0		

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILLED 6575' TO 6664', (89'), 59.3'/HR, 20/22K WOB, 58 RPM.
07:30	08:00	0.5	SERVICED RIG. FUNCTION TESTED HYDRIL, RAMS, FLOOR VALVES & CHK COM.
08:00	08:30	0.5	SURVEYED @ 6615', 2 1/2 DEG.
08:30	16:00	7.5	DRILLED 6664' TO 7160', (496'), 66.1'/HR, 22/23K WOB, 58 RPM.
16:00	16:30	0.5	SURVEYED @ 7110', 2 3/4 DEG.
16:30	17:30	1.0	DRILLED 7160' TO 7219', (59'), 59'/HR, 22/23K WOB, 58 RPM.
17:30	21:30	4.0	CIRCULATED OUT GAS, MAX GAS 8100 UNITS. FLARED 20' TO 40'. CIRCULATED AND MUD UP SYSTEM, WEIGHT UP TO 9 PPG, GAS DOWN TO 2500 UNITS.
21:30	06:00	8.5	DRILLED 7219' TO 7655', (436'), 51.2'/HR, 22/23K WOB, 58 RPM.

BGG: 1362, CG 2644

SURVEY GAS 8088, HIGH GAS 6074 FORMATION: PRICE RIVER @ 7450' 45% SH, 50% SS, 5% SLTST

## SAFETY MEETING: MAKING CONNECTIONS, WL SURVEY, PROPER PPE TEMP 51 DEG

06-26-20	004 R	eported B	y BR	UCE TAYLO	₹						
DailyCost	ts: Drilling			Cor	Completion \$0			Daily			
Cum Cost	ts: Drilling			Cor	mpletion	\$0		Well	Total		
MD	8,013	TVD	8,013	Progress	358	Days	5	MW	9.5	Visc	40.0
Formation	n:		<b>PBTD</b> : 0.	<b>PBTD</b> : 0.0		Perf:			PKR De <sub>l</sub>		
Activity a	it Report Ti	me: TRIPP	PING								
Start	End	Hrs A	Activity Desci	ription							
06:00	10:30	4.5 I	DRILLED 7655	'·TO 7831', (1	76'), 39.1'/]	IR, 20/22K W	OB, 58 RP	М.			
10:30	11:00	0.5	SERVICED RIG, FUNCTION TESTED HYDRIL, CHECK COM.								
11:00	11:30	0.5 \$	SURVEYED@	7790', 2 1/2 D	EG.						
11:30	00:30	13.0 I	DRILLED 7831	'TO 8013', (1	82'), 14'/HI	R, 22/28K WO	B, 58–61 R	PM.			
00:30	04:00		SLUGGED ANI MISSING, IMPA						IT HAS SMA	LL PART OI	F I BLADE
04:00	06:00	2.0 1	MADE UP DSX	( 146 AND TII	i WITH SA	ME.					
			SAFETY MEET	ING: ELECT	RICAL RE	PAIR, HORSE	E PLAY, HO	LE FILL DUI	RING TRIPS		
			TEMP 57 DEG								
		I	FORMATION: 1	PRICE RIVER							

FORMATION: PRICE RIVER 55% SH, 35% SS, 10% SLTST BGG 2182, CG 7175, HIGH GAS 5461

06-27-2004	Reported	Ву	BRUCE TAYLOR	t						
DailyCosts:	Drilling		Completion \$0 Daily Total							
Cum Costs:	Drilling		Completion \$0			Well Total				
MD	8,542 <b>TVD</b>	8,542	Progress	529	Days	6	MW	10.1	Visc	48.0
Formation:		PBTD:	0.0		Perf:			PKR De	<b>oth:</b> 0.0	

#### Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	08:30	2.5	FINISHED TIH.
08:30	09:00	0.5	WASHED/REAMED 60' TO BOTTOM, PATTERN BIT.
09:00	11:00	2.0	DRILLED 8013' TO 8078, (65'), 32.5'/HR, 10/12K WOB, 58 RPM.
11:00	11:30	0.5	30 MINUTE SAFETY MEETING WITH DAYLIGHT CREW ON FALL PROTECTION GIVEN BY D FISHER.
11:30	12:30	1.0	DRILLED 8078' TO 8110' (32') 32'/HR, 12/16K WOB, 58 RPM.
12:30	13:00	0.5	SERVICED RIG, FUNCTION TESTED HYDRIL, FLOOR VALVES & CHECK COM.
13:00	23:00	10.0	DRILLED 8078' TO 8357', (279), 27.9'/HR, 12/15K WOB, 58 RPM.
23:00	23:30	0.5	SURVEYED @ 8314', 3 1/2 DEG.
23:30	06:00	6.5	DRILLED 8357' TO 8542', (185'), 28.4'/HR, 12/15K WOB, 58 RPM.

SAFETY MEETING: FALL PROTECTION, TRIPPING TEMP 51 DEG

FORMATION: MIDDLE PRICE RIVER 8149'

20%SH, 75% SS, 5% SLTST

BGG 2465, CG 2949, TRIP GAS 2850, DTG 6770

06-28-2004	Re	ported I	By BI	RUCE TAYLOR	L .						
DailyCosts:	Drilling			Con	npletion	\$0		Daily	y Total	·	
Cum Costs	Drilling			Con	npletion	\$0		Well	Total		
MD	8,964	TVD	8,964	Progress	422	Days	7	MW	10.6	Visc	40.0
Formation	:		<b>PBTD</b> : 0	.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity at	Report Tii	me: DRII	LLING								
Start	End	Hrs	Activity Desc	ription							
06:00	08:00	2.0	DRILLED 8542	2' TO 8603', (6	1'), 30.5'/H	R, 12/18K WC	B, 58 RPM	i.			
08:00	08:30	0.5	RIG SERVICE	D. FUNCTION	TESTED I	Hydril, Pipi	E RAMS, C	неск сом			
08:30	06:00	21.5	DRILLED 860	3' TO 8964', (30	61'), 16.8'/I	HR, 12/18K W	OB, 58 RP	M.			
			SAFETY MEE WITH SETH'S	CREW, DAYS			SAFETY M	EETING W/	D FISHER O	N FALL PROT	ECTION
			RAISED WT. T		UE IO SHA	ALE					
			TEMP 53 DEG	1							
			FORMATION:	LOWER PRIC	E RIVER						
			25% SH, 15%	SS, 5% SLTST,	35% CARE	3 SH, 20% CO	AL				
			BGG-1726, C	G-2427, HG-3	705,						
			CG FLARE 10	,							
06-29-200	4 R	eported	Ву	RUCE TAYLO	R						
DailyCosts	: Drilling			Co	mpletion	\$0		Dail	y Total		
Cum Cost	: Drilling			Co	mpletion	\$0		Wel	l Total		
MD	9,355	TVD	9,355	Progress	391	Days	8	MW	11.3	Visc	40.0
Formation	:		PBTD:	0.0		Perf:			PKR De	<b>pth:</b> 0.0	
Activity at	Report Ti	ime: DR	ILLING								
Start	End	Hrs	Activity Des	cription							
06:00	10:00	4.0	DRILLED 896	54' TO 9004', (4	0'), 10'/HR	k, 12/14K WO	B, 58 RPM.				
10:00	11:30	1.:	5 RIG SERVICE	D. FUNCTION	N TESTED	HYDRIL, PIP	E RAMS &	CHECKED	COM.		
11:30	23:00	11.:	5 DRILLED 900	)4' TO 9230', (2	226'), 19.6'	HR, 20/22K V	VOB, 58 RP	M.			
23:00	23:30	0.:	5 REPAIRED G	AS DETECTO	R AND LIG	HTS ON SHA	KER PIT.				
23:30	06:00		5 DRILLED 923					M.			
			SAFETY ME	ETING: WORK	ING ON P	JMPS/ELECT	RICAL RE	PAIR			
			TEMP 55 DEG	3							
			FORMATION	: LOWER PRIC	CE RIVER						
			40% SH, 35%	SS, 20% SLTS	T, 5% CAR	B SH					

### STATE OF UTAH TMENT OF NATURAL RESOURCES

DEPARTMENT OF NATURAL RESOURCES	
1 1 2 DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-0284-A
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: CHAPITA WELLS
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: CHAPITA WELLS UNIT 845-21
2. NAME OF OPERATOR:	9. API NUMBER:
EOG RESOURCES, INC	4304735303
3. ADDRESS OF OPERATOR: P.O. BOX 250 CITY BIG PINEY STATE WY ZIP 83113 PHONE NUMBER: (307) 276-3331	10. FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL	
FOOTAGES AT SURFACE: 2017 FNL - 763 FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 21 9S 22E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)  ALTER CASING  FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)  CHANGE WELL STATUS  PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:  COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: DRILLING
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	OPERATIONS
DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume Please see the attached well chronology report for drilling operations from 5/23/2004 - 7/22.	
NAME (PLEASE PRINT)  Alfreda Schulz  TITLE  Sr. Regulatory A	ssistant
SIGNATURE (I) LUI DATE 7/22/2004	

RECEIVED JUL 27 2004



#### WELL CHRONOLOGY REPORT

Report Generated On: 07-22-2004

Well Name	C/	WU 845-2	1	Well Type	DEVG	Divisio	1	DENVER	
Field	CH	HAPITA W	ELLS DEEP	API#	43-047-35303	Well C	255	COMP	
County, State	UI	NTAH, U	Г	Spud Date	06-22-2004	Class D	ate		
Tax Credit	N			TVD / MD	10,275/ 10,275	Proper	ty#	053501	
Water Depth	0			Last CSG	4.5	Shoe T	VD / MD	10,275/ 10,25	2
KB / GL Elev	4,8	33/ 4,819							
Location	n Section 21, T9S, R22E, S			V, 2017 FNL & 76	3 FWL				
Event No	1.0	)		Description	DRILL & COMPLE	ETE		· · · · · · · · · · · · · · · · · · ·	-
Operator	EC	OG RESOU	JRCES, INC	WI %	50.0	NRI %		43.5	
AFE No		302505		AFE Total	1,475,800	DHC/	CWC	831,600/ 6	44,200
Rig Contr	TRI	UE	Rig Name	TRUE #9	Start Date	10-24-2003	Releas	e Date 07-	03-2004
10-24-2003	R	Reported	Ву						
DailyCosts: D	rilling			Comp	letion	Da	ily Total		
Cum Costs: D	rilling	;		Comp	letion	We	ell Total	!	
MD	0	TVD	0	Progress	0 Days	0 <b>MW</b>	0.0	Visc	0.0
Formation:			<b>PBTD</b> : 0.	0	Perf:		PKR D	<b>Pepth</b> : 0.0	
Activity at Re	port T	ime: LOC	CATION DATA						
Start En	d	Hrs	Activity Desci	ription					
06:00	06:00	24.0	LOCATION DA	TA					
			2017' FNL & 76	3' FWL (SW/NW	)				
			SECTION 21, T	9S, R22E					
			UINTAH COUN	ITY, UTAH					
			TRUE RIG #9						
			TD: 10,275' ME	SAVERDE					

LEASE: U-0284-A

ELEVATION: 4819' NAT GL, 4819' PREP GL, 4833' KB (14')

EOG WI 50%, NRI 43.5%

CHAPITA WELLS DEEP PROJECT CHAPITA WELLS UNIT PROSPECT

**EDDIE TROTTER** 05-30-2004 Reported By DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** Completion Well Total MD 2,430 **TVD** 2,430 Progress 0 Days 0  $\mathbf{M}\mathbf{W}$ 0.0 Visc 0.0 Formation: **PBTD:** 0.0 Perf: PKR Depth: 0.0

#### Activity at Report Time: WORT

Start	End	Hrs Activity Descripti	on
06:00	06:00	24.0 MIRU PETE MART	N'S BUCKET RIG. SPUDDED 20" HOLE @ 2:00 PM, 5/23/04.

DRILLED 20" HOLE TO 45'. RAN 45' OF 13–3/8" 54#/FT H~40 ST&C CONDUCTOR PIPE AND CEMENTED TO SURFACE. DRILLED AND LINED RAT AND MOUSE HOLES. RD BUCKET RIG.

MIRU BILL JR'S AIR RIG.

DRILLED 12–1/4" HOLE TO 2430'. HIT WATER ZONE AND LOST CIRCULATION AT 1700' GL. RAN 57 JTS (2409.50') OF 9–5/8", 36.0#/FT, J–55, ST&C CASING & LANDED @ 2427.00' KB. RU BIG 4 CEMENTERS. PRESSURE TESTED LINES AND CEMENT VALVE TO 1500 PSIG. PUMPED 170 BBLS WATER AHEAD. MIXED & PUMPED 20 BBLS GELLED WATER AHEAD OF CEMENT.

LEAD CEMENT: MIXED & PUMPED 220 SX (149.6 BBLS) CEMENT W/16% GEL & 10#/SX GILSONITE, 3% SALT, 2% CACL2 &  $\frac{1}{2}$  H/SX FLOCELE. MIXED CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAIL CEMENT: MIXED & PUMPED 200 SX (42 BBLS) CEMENT W/2% CACL2 & ¼ #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/183.30 BBLS WATER. BUMPED PLUG W/600#, CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. HAD CEMENT RETURNS TO SURFACE BUT FELL BACK. RAN 1" PIPE DOWN ANNULUS.

TOP OUT #1: MIXED & PUMPED 250 SX (52.5 BBLS) PREMIUM CEMENT W/4% CACL2 & ¼#/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 6 BBLS CEMENT RETURNS TO SURFACE, CEMENT FELL BACK.

TOP OUT #2: MIXED & PUMPED 85 SX (18 BBLS) PREMIUM CEMENT W/4% CACL2 & ¼#/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 8 BBLS CEMENT RETURNS TO SURFACE, CEMENT STAYED AT SURFACE.

RD BIG 4 CEMENTERS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

#### NOTIFIED ED FORSMAN W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL.

06-22-20	004	Reported :	By B	RUCE TAYLOR	2						
DailyCos	ts: Drillin	g		Cor	npletion						
<b>Cum Costs: Drilling</b>				Completion Well Total							
MD	2,430	TVD	2,430	Progress	365	Days	1	MW	8.3	Visc	26.0
Formatio	n:	PBTD: 0.0				Perf:			PKR Der	oth: 0.0	
Activity at Report Time: DRILLING											
Start	End	Hrs	Activity Desc	ription							
11:00	16:00	5.0	RIG UP QUICK VALVES TO 25 KELLY 250 AD	00 AND 5000 PS	SI FOR 10	MIN. TESTE	RAMS, CHO D HYDRIL	KE, CHOK TO 250 ANI	E MANIFOLE D 2500 PSI FO	O AND ALL F R 10 MIN. T	ELATED ESTED
16:00	16:30	0.5	TESTED CASI	NG TO 1500 PS	SI FOR 30	MINUTES.					
16:30	23:30	7.0	7.0 MADE UP 7 7/8 DSX210 PDC JETTED .850 TFA WITH 7 3/4" IBS NEAR BIT STAB, PONY COLLAR, STAB, 1-DC, STAB, AND REST OF BHA. PICKED UP DP OFF RACKS TO TOP OF CEMENT.								
23:30	00:00	0.5	PICKED UP KE	ELLY. INSTAL	LED ROTA	ATING HEAD.					
00:00	01:00	1.0	DRILLED CEM	ENT/FLOAT E	QUIPME	NT 2370' TO 2	430'. DRIL	LED 10' NE	W HOLE TO 2	2440'.	

01:00	01:30	0.5 CIRCULATED SAMPLES TO SURFACE.
01:30	02:00	0.5 PERFORM FIT TEST TO 11.5 PPG EQUIVALENT WITH 8.4 WATER IN HOLE AND 400 PSI APPLIED PRESSURE. PRESSURE BROKE BACK TO 240 PSI.
02:00	02:30	0.5 DRILLED 2430' TO 2495' (65'), 130'/HR, 18/20K WOB, 58 RPM.
02:30	03:00	0.5 SURVEYED @ 2430', 3 DEG.
03:00	06:00	3.0 DRILL & ROTATE 2495' TO 2795' (300'), 100'/HR, 18/20K WOB, 58 RPM.

FUEL AT START OF JOB 3350 GAL
RIG ON DAYWORK @ 11:00, 6/21/2004
NOTIFIED BLM (ED FORSMAN) IN VERNAL OF BOP TEST @ 01:00 PM, 6/19/2004
SAFETY MEETING: TESTING BOP'S, PU DP, SNUB LINES AND WHIP CHECKS
BOP DRILL, NIGHTS, 1 MIN 38 SEC
TEMP 52°

#### SPUD 7 7/8" SURFACE HOLE AT 02:00 HRS, 6/22/2004.

06-23-2004	R	eported By	В	RUCE TAYLOR	₹						
DailyCosts: 1 Cum Costs: 1			Completion Completion								
MD	4,780	TVD	4,780	Progress	1,985	Days	2	MW	8.4	Visc	27.0
Formation:			PBTD: 0	.0		Perf:			PKR De	pth : 0.0	

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILLED 2795' TO 2870', (75'), 50'/HR, 18/20K WOB, 58 RPM.
07:30	08:00		SURVEYED @ 2820', 3 1/2 DEG.
08:00	08:30	0.5	DRILLED 2870' TO 2932', (62'), 124'/HR, 18/20K WOB, 58 RPM.
08:30	09:00		SERVICED RIG & FUNCTION TESTED HYDRIL, FLOOR VALVES & CHECK COM.
09:00	11:30		DRILLED 2932' TO 3242' (310') 124'/HR. 18/22K WOB, 58 RPM.
11:30	12:00		SURVEYED @ 3200', 3 1/2 DEG.
12:00	16:30	4.5	DRILLED 3242' TO 3648' (406') 90.2'/HR. 18/22K WOB, 58 RPM.
16:30	17:00		SURVEYED @ 3597', 2 3/4 DEG.
17:00	23:00	6.0	DRILLED 3648' TO 4126', (478'), 79.6'/HR, 18/22K WOB, 58 RPM.
23:00	23:30		SURVEYED @ 4070', 2 1/2 DEG.
23:30	03:30	4.0	DRILLED 4126' TO 4614', (488'), 122'/HR, 20/22K WOB, 58 RPM.
03:30	04:00		SURVEYED @ 4572', 2 1/2 DEG
04:00	06:00	2.0	DRILLED 4614' TO 4780', (166'), 83'/HR, 20/22K WOB, 58 RPM.

FORMATION: WASATCH 4717'
SAFETY MEETING: GAS KICKS, RUNNING SLICK LINE UNIT
BOP DRILL, NIGHTS: 1 MIN 38 SEC, DAYS: 1 MIN 22 SEC
TEMP 54°

06-24-2004	Reported By	BRUCE TAYLOR	
DailyCosts: Dri	lling	Completion	Daily Total
Cum Costs: Dri	lling	Completion	Well Total

MD Formation		TVD	6,575 <b>PBTD</b> : 0.4	Progress	1,795	Days Perf :	3	MW	8.4 PKR De <sub>l</sub>	Visc	28.0
	t Report Ti	me: DRI	LLING								
Start	End	Hrs	Activity Descr	iption							
06:00	07:00	1.0	DRILLED 4780	TO 4864', (84	i'), 84'/HR,	20/22K WOB	, 58 RPM.				
07:00	07:30		SERVICED RIG					VALVES			
07:30	09:30		DRILLED 4864'								
09:30	10:00		SURVEYED @:			,					
10:00	10:30		DRILLED 5113'			. 20/22K WOI	B. 58 RPM				
10:30	11:30		PULLED ROTAT					HING & RE-	-INSTALL RO	TATING HE	AD
11:30	17:00	5.5	DRILLED 5207'	TO 5608', (40	1'), 72.9'/H	IR, 20/22K W(	OB, 58 RPM	Ι.			
17:00	17:30		SURVEYED @ 5				•				
17:30	23:30	6.0	DRILLED 5608'	TO 6105', (49	7'), 82.8'/H	R, 20/22K W	DB. 58 RPM				
23:30	00:00		SURVEYED @ 6			,	,	•			
00:00	06:00	6.0	DRILLED 6105'	TO 6575', (47	0'), 78.3'/H	R, 20/22K WC	)B, 58 RPM				
			SAFETY MEETI TEMP 58 DEG	NG: FORK L	IFT, LIFTI	NG PIPE, WIR	ELINE SUF	RVEYS			

FORMATION: WASATCH @ 4721' 50% SH, 40% SS, 10% SLTST

06-25-20	004 F	Reported I	Ву Ві	RUCE TAYLOR							
DailyCos	ts: Drilling	;		Cor	npletion			Daily	y Total		
Cum Cos	ts: Drilling	g		Con	npletion			•	Total		
MD	7,655	TVD	7,655	Progress	1,080	Days	4	MW	9.0	Visc	37.0
Formatio	n:		<b>PBTD</b> : 0.	0		Perf:			PKR Dep		57.0
Activity a	t Report T	ime: DRII	LING						- 121 20	. 0.0	
Start	End	Hrs	Activity Desc	ription							
06:00	07:30	1.5	DRILLED 6575	'TO 6664', (89	'), 59.3'/H	R, 20/22K W(	OB, 58 RPM.				
07:30	08:00		SERVICED RIC						СНК СОМ		
08:00	08:30		SURVEYED@				-				
08:30	16:00	7.5	DRILLED 6664	'TO 7160', (49	6'), 66.1'/I	łR, 22/23K W	OB, 58 RPM	[.			
16:00	16:30		SURVEYED@								
16:30	17:30	1.0	DRILLED 7160	'TO 7219', (59	'), 59'/HR,	22/23K WOE	3, 58 RPM.				
17:30	21:30	4.0	CIRCULATED ( WEIGHT UP TO	OUT GAS, MA O 9 PPG, GAS I	X GAS 81 DOWN TO	00 UNITS. FI 2500 UNITS.	LARED 20' 1	ro 40'. Cire	CULATED AN	ND MUD UP	SYSTEM,
21:30	06:00	8.5	DRILLED 7219	TO 7655', (43	5'), 51.2'/H	IR, 22/23K W	OB, 58 RPM	•			

BGG: 1362, CG 2644

SURVEY GAS 8088, HIGH GAS 6074 FORMATION: PRICE RIVER @ 7450'

45% SH, 50% SS, 5% SLTST

SAFETY MEETING: MAKING CONNECTIONS, WL SURVEY, PROPER PPE

#### TEMP 51 DEG

06-26-20	004 1	Reported	By Bl	RUCE TAYLOR	₹						
DailyCos	ts: Drilling	g		Cor	npletion			Daily	y Total		
Cum Cos	ts: Drillin	g		Cor	- npletion			•	Total		
MD	8,013	TVD	8,013	Progress	358	Days	5	MW	9.5	Visc	40.0
Formatio	n:		<b>PBTD</b> : 0	_		Perf:	-		PKR Dep		40.0
Activity a	ıt Report T	lime: TRI	PPING						i KK Dep	Jul . 0.0	
Start	End	Hrs	Activity Desc	ription							
06:00	10:30	4.5	DRILLED 7655	_	6'), 39.1'/	HR, 20/22K W	OB. 58 RPM	1.			
10:30	11:00		SERVICED RIC								
11:00	11:30		SURVEYED@								
11:30	00:30	13.0	DRILLED 7831	'TO 8013', (18	2'), 14'/H	R, 22/28K WO	B, 58-61 RF	PM.			
00:30	04:00		SLUGGED ANI MISSING, IMPA	PULLED OU	T OF HO	LE DUE TO PE	ENETRATIO	N RATE. BI	T HAS SMAI	LL PART OF	1 BLADE
04:00	06:00	2.0	MADE UP DSX								
			SAFETY MEET	'ING: ELECTR	ICAL RE	PAIR, HORSE	PLAY, HOL	E FILL DUR	ING TRIPS		
			TEMP 57 DEG								
			FORMATION: I	RICE RIVER							
			55% SH, 35% SS	S, 10% SLTST							

		В	GG 2182, CG	7175, HIGH G	AS 5461						
06-27-20	004 R	eported By	В	RUCE TAYLOR	<u> </u>		<del></del>			· · · · · · · · · · · · · · · · · · ·	
DailyCos	ts: Drilling			Cor	npletion	ſ	:	Dai	ly Total		
Cum Cos	ts: Drilling			Cor	npletion				ll Total		
MD	8,542	TVD	8,542	Progress	529	Days	6	MW	10.1	Visc	48.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR De		10.0
Activity a	it Report Ti	ime: DRILLI	NG								
Start	End	Hrs Ac	ctivity Desc	ription							
06:00	08:30	2.5 FII	NISHED TIH	•		]					
08:30	09:00	0.5 W	ASHED/REA	MED 60' TO B	оттом, і	PATTERN BI	T.				
09:00	11:00	2.0 DF	RILLED 8013	'TO 8078, (65'	), 32.5'/HI	R, 10/12K W	OB, 58 RPM				
11:00	11:30			FETY MEETI					ECTION GIVE	N RY D FISI	HER
11:30	12:30			'TO 8110' (32'							
12:30	13:00			, FUNCTION		<b>I</b>		S & CHECK	сом.		
13:00	23:00			'TO 8357', (27							
23:00	23:30			8314', 3 1/2 DI			,				
23:30	06:00	6.5 DR	LILLED 8357	'TO 8542', (18	5'), 28.4'/I	HR, 12/15K V	VOB, 58 RP	М.			
		SA	FETY MEET	'ING: FALL PI	ROTECTIO	ON, TRIPPIN	G				
		TE	MP 51 DEG								
		FO	RMATION: N	MIDDLE PRICI	E RIVER 8	3149'					
		20%	%SH, 75% SS	, 5% SLTST		}					

### BGG 2465, CG 2949, TRIP GAS 2850, DTG 6770

	004 R	eported By	BRI	UCE TAYLOR	٤					
DailyCost	ts: Drilling			Cor	npletion			Doi	ily Total	
Cum Cost	ts: Drilling				npletion				ll Total	
MD	8,964	TVD	8,964	Progress	422	Days	7			
Formation	n:		<b>PBTD</b> : 0.0	•		Perf:	,	MW	10.6 Visc	40.0
Activity a	t Report Ti	ime: DRILL				Tell.			PKR Depth: 0.0	
Start	End		ctivity Descri	ntion						
06:00	08:00		RILLED 8542'	_	'). 30.5'/H	R 12/18K V	WOR 58 P.N.	1		
08:00	08:30		IG SERVICED.						•	
08:30	06:00		RILLED 8603'						••	
		S.A. W	AFETY MEETII TTH SETH'S C	NG: SLICK L REW, DAYS	INE, PPE,	30 MINUT	E SAFETY M	EETING W	D FISHER ON FALL PROT	ECTION
			AISED WT. TO		E TO SHA	LE				
			EMP 53 DEG							
		FC	ORMATION: LO	OWER PRICE	RIVER					
		25	% SH, 15% SS,	5% SLTST, 3	5% CARB	SH, 20% C	OAL			
			GG-1726, CG-2							
		CC	FLARE 10'							
06-29-200	)4 Re	ported By	BRU	CE TAYLOR						
DailyCosts	s: Drilling			Com	pletion	į		Dail	y Total	
Cum Costs	s: Drilling			Com	pletion			•	Total	
MD	9,355	TVD	9,355 I	Progress	391	Days	8	MW	11.3 <b>Visc</b>	40.0
Formation	:		<b>PBTD</b> : 0.0			Perf :			PKR Depth: 0.0	40.0
Activity at	Report Tin	ne: DRILLI	NG						i in Depth . 0.0	
Start	End	Hrs Ac	tivity Descrip	tion						
06:00	10:00	4.0 DR	ILLED 8964' T	O 9004', (40')	), 10'/HR,	12/14K WO	B. 58 RPM.			
10:00	11:30		G SERVICED.					CHECKED	'nм	
	23:00		ILLED 9004' T						OM.	
11:30								•		
11:30 23:00	23:30	0.5 RE	PAIRED GAS E	DETECTOR A	ND LIGH	TS ON SH	AKED DIT			
	23:30 06:00		PAIRED GAS D ILLED 9230' TO	DETECTOR A O 9355', (125				Ι.		
23:00		6.5 DR	ILLED 9230' T	O 9355', (125	'), 19.2'/H	R, 20/22K V	VOB, 58 RPM			
23:00		6.5 DR		O 9355', (125	'), 19.2'/H	R, 20/22K V	VOB, 58 RPM			
23:00		6.5 DR SAI TEI	ILLED 9230' TO FETY MEETIN	O 9355', (125 G: WORKING	'), 19.2'/H G ON PUM	R, 20/22K V	VOB, 58 RPM			
23:00		6.5 DR SAI TEI FOI	ILLED 9230' TO FETY MEETIN MP 55 DEG	O 9355', (125 G: WORKING WER PRICE I	'), 19.2'/H G ON PUM RIVER	R, 20/22K V	VOB, 58 RPM			
23:00		6.5 DR SAI TEI FOI 40%	ILLED 9230' TO FETY MEETIN MP 55 DEG RMATION: LO	O 9355', (125 G: WORKING WER PRICE I 20% SLTST, 5'	'), 19.2'/H G ON PUM RIVER % CARB S	R, 20/22K v IPS/ELECT	VOB, 58 RPM RICAL REPA			
23:00	06:00	6.5 DR SAI TEI FOI 40%	ILLED 9230' TO FETY MEETIN MP 55 DEG RMATION: LOV 6 SH, 35% SS, 2 G 3546, CG 355	O 9355', (125 G: WORKING WER PRICE I 20% SLTST, 5'	'), 19.2'/H G ON PUN RIVER % CARB S	R, 20/22K v IPS/ELECT	VOB, 58 RPM RICAL REPA			

Cum Co	sts: Drilling			Coi	mpletion			We	ll Total		
MD	9,568	TVD	9,568	Progress	213	Days	9	MW	11.6 <b>V</b>	Visc	41.0
Formatio	on:		<b>PBTD</b> : 0	.0		Perf:			PKR Depth	: 0.0	
Activity	at Report Ti	ime: DR	ILLING								
Start	End	Hrs	Activity Desc	ription							
06:00	07:30	1.5	DRILLED 9355	5' TO 9378', (23	3'), 15.3'/H	IR, 20/22K	WOB, 58 RPM	1.			
07:30	08:30	1.0	SURVEYED @	9300', 3 1/4 D	EG.						
08:30	06:00	21.5	5 DRILLED 9378	3' TO 9568', (19	90'), 8.8'/H	IR, 20/25 W	<b>ОВ, 58 RPM</b> .				
			SAFETY MEET TEMP 56 DEG	ΓING: PUMP F	REPAIR, M	AN BASKI	ET ON FORK	LIFT, PINC	H POINTS		
			FORMATION:	SEGO 9402'							
			35% SH, 45% S	S, 10% SLTST	, 10% SLT	ST					
			BGG 1788, CG	6465, HIGH G	AS 3986						
07-01-2	004 R	eported	By VI	NCE GUINN							
DailyCos	sts: Drilling			Cor	npletion			Dai	ly Total		
Cum Cos	sts: Drilling			Cor	npletion			Wel	l Total		
MD	9,789	TVD	9,789	Progress	221	Days	10	MW	11.8	/isc	42.0
Formatio	on:		<b>PBTD</b> : 0.	.0		Perf:			PKR Depth	: 0.0	
Activity :	at Report Ti	me: DR	ILLING								
Start	End	Hrs	Activity Desc	ription							
06:00	08:30	2.5	DRILLED 9568	'TO 9587', [19	)'/7.6'/HR]	, WT 20/25,	RPM 55, PSI	1700, SPM	120, GPM 387.		
08:30	13:30	5.0	PUMPED PILL	. POOH FOR I	BIT #3. PU	JLLED 30-	40K OVER AT	Γ 9487' AND	5300'.		
13:30	17:30	4.0	LD BIT #2. PU	BIT #3 AND N	MM.						
17:30	18:30		WASHED 70' T								
18:30	21:30		DRILLED 9587	· -	-		1	•	•		
21:30 22:00	22:00 06:00								VALVES AND CE	ROWN SA	VER.
22:00	00:00	6.0	DRILLED 9635	10 9/89,[13	94 / 19 / M.K.	j, w 1 10/2,	KPM 53, PSI	1750, SPM 1	10, GPM 355.		
			FORMATION: 0				SH, 5% SLTS	T, 10% CAR	B SH		
			SAFETY MEET FUEL LAST 24 TEMP 55°			I POINTS, A	AND TRIPPIN	IG PIPE W/I	NEW HIRE ON FLO	OOR	
07-02-20	004 R	eported	By VI	NCE GUINN							
DailyCos	ts: Drilling			Con	npletion			Dail	ly Total		
Cum Cos	sts: Drilling			Con	npletion			Wel	l Total		
MD	10,193	TVD	10,193	Progress	404	Days	11	MW	11.6 <b>V</b>	isc.	42.0
Formatio	n:		<b>PBTD</b> : 0.	0		Perf:			PKR Depth	: 0.0	
Activity a	at Report Ti	me: DRI	LLING								
Start	End	Hrs	Activity Descr	ription							
			· · · · · · · · · · · · · · · · · · ·			age 7					

06:00	08:30	25 100	)     ED 070	O'TO Generates	42/142/1102	WT 10/10	DD1 6 52 D==	1860 000	=====		
08:30	09:00			9' TO 9823', [34 D. FUNCTION							NI CAUPS
09:00	06:00			3'TO 10,193', [							N SAVER.
		FO	DNAATIONI.	DI ACCUITANTO	7 10 0101	250/ 55 25					
				BLACKHAWK U, CONN 69921		35% 88, 35	% SH, 15% S	LIST, 15% C	CARB SH		
		SA MU	FETY MEE JD AND PA	TING: WEARI INTING	NG PPE, I	OCK OUT	TAG OUT A	ND RESPIRA	ATORY PROT	ECTION WH	EN MIXIN
				4 WAS 900 GAI	Ĺ						
		TE	MP 63 DEG	REES							
07-03-20	004 R	eported By	V	INCE GUINN							
DailyCost	ts: Drilling			Cor	npletion			Dai	ly Total		
•	ts: Drilling				npletion				l Total		
MD	10,295	TVD	10,295	Progress	102	Days	12	MW	11.5	Visc	37.0
Formatio	n:		<b>PBTD</b> : 0	_		Perf:		171 77		epth: 0.0	37.0
Activity a	t Report Ti	me: RUNNIN	NG 4−1/2" C	SG		_ ••••			T ILLY D	ры . 0.0	
Start	End	Hrs Ac	tivity Desc	ription							
06:00	09:00		•	93'TO 10,240'	[47'/16'/H	R], WT 10/2	0, RPM 53, P	SI 1750, SPN	И 110. GPM 3	55.	
09:00	09:30	0.5 RIC		D. FUNCTION							CROWN
09:30	11:30	2.0 DR SPI	ILLED 10,2 M 110, GPM	40' TO 10,295'' I 355.	TD [55'/28	'/HR]. REA	CHED TD A	Т 11:30 АМ,	7/2/04. WT	1 <b>0/20, RPM</b> 53	3, PSI 1800,
11:30	13:30	2.0 CIF	RCULATED	FOR SHORT T	RIP.						
13:30	14:30	1.0 SH	ORT TRIP 1	0 STDS, HAD 3	30K OVER	PULL ON S	TD #7.				
14:30	18:30			ND MUD FOR							
18:30	02:00			LL PIPE. PULL		RBUSHING	AND BREA	K KELLY. L	D DC.		
02:00 03:00	03:00 06:00			S CASING SER' /2" CSG AT RE		Œ					
03.00	00.00	3.0 KU	MMMO 4~1	/2 CSG AT RE	PORI IIM	IE.					
		FO	RMATION:	TOP BLACKH	AWK AT 1	0018'					
		35%	6 SS, 35% S	H, 15% SLTST,	CARB SH	15%.					
		BG	GAS 3933U	J, CONN 4182U	, SHORT	TRIP 3542U					
		SAI DP.		TING ON WOR	KING W/P	OWER SAI	IDING TOOI	LS, PROPER	R PROCEDUR	E FOR LAYI	NG DOWN
		FUI	EL LAST 24	WAS 740 GAL	•						
			ID DOWN I S, 7/2/04.	P WITH WEST	TATES CAS	SING SERV	ICE. CALLE	D BLM TO	NOTIFY OF (	CEMENTING	AT 14:30
	0.4 B	ported By	VI	NCE GUINN							
07-04-20	U4 Re	•					;				
	04 Re s: Drilling			Com	pletion			Dail	y Total		
-					pletion			•	y Total Total		

Formatio	on :		<b>PBTD</b> : 0	0		Perf :			DVD De	m4h . 0.0	
		ime: WO	COMPLETION	.0		1011.			PKR De	ptn : 0.0	
Start	End	Hrs	Activity Desc	rintion							
06:00	08:30		FINISHED RUI W/MKR JT AT OF 1ST JT ANI	NNING CASIN 8043' & 4720'.	FLOAT C	OLLAR @	10,212'. RA	OF 4-1/2", 1 N 50 BOW S	1.6#, P-110, L1 SPRING CENT	C&C CSG AT RALIZERS (	10252' ON MIDDLE
08:30	09:30	1.0	ATTEMPTED T	O CIRC CSG	го втм у	V/O SUCCE	SS. LD TO	TI.			
11:30	13:30		CIRCULATED								
13:30	14:00	0.5	RU SCHLUMB	ERGER AND I	HELD SAF	ETY MEET	ING.				
14:00	16:30	2.5	CEMENTED W SX 35:65 POZ " 1.75 CFS. TAIL MIXED AT 14.1 BPM AND 3150	'G", 4% D020, 2 LED IN WITH 1 I PPG, YIELD 1	2% D174, 1700 SX 50 1.29 CFS.	.25% D029, ):50 POZ "C DISPLACE	2% D046, 6", 2% D020, D CEMENT	75% D112, .2 2% D065, W/158 BBL	% D013. MIX 2% D167, .1% I FRESH WATEI	ED AT 13 PI 0046, .075% R. DISPLAC	PG, YIELD D013. EED CMT AT 8
16:30	17:30	1.0	LANDED CSG	W/80K. TEST	ED SEALS	S AND BAC	KOFF LAN	DING JT.			
17:30	22:00		CLEANED MU						MPLETION CO	OMMENCES	
		24.0	HAD 15' FLAR SUPPLIES AND RELEASED RIC CASING POINT	O MOVED TO 2 G AT 3:00 AM,	219–05.	ELEASED P	RESSURE A	ND FLOATS	SHELD OK. L	OADED OU	T MUD
07-14-20	004 R	eported 1	By SE	ARLE							
DailyCost	ts: Drilling			Con	pletion			Dai	ly Total		
Cum Cos	ts: Drilling			Con	pletion			Wel	ll Total		
MD	10,295	TVD	10,295	Progress	0	Days	14	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0.	0		Perf:			PKR Dep	oth: 0.0	
Activity a	t Report Ti	me: FRA	C MESAVERDE								
Start	End	Hrs	Activity Descr	ription							
07:00	14:00	7.0	NU 4 1/6" FRAC RU CUTTERS V		SURE TES	STED CASI	NG, TREE &	z FLOWBAC	K EQUIPMEN	Г ТО 8400 Р	SIG.
			PERFORATED W/3-1/8" HSC I	BLACKHAWK PORTED CASI	C FROM 10	0,051'054', 5 @ 2 SPF &	10,059'–60', 180° PHAS	10,066'-67' ING. RDWL	, 10,081'~84', SDFN.	10,101'-02'	& 10,108'-10'
07-15-20	004 R	eported l	By SE.	ARLE							-
DailyCost	ts: Drilling			Com	pletion			Dail	ly Total		
Cum Cost	ts: Drilling			Com	pletion	•		Wel	l Total		
MD	10,295	TVD	10,295	Progress	0	Days	15	MW	0.0	Visc	0.0
Formation	n:		<b>PBTD</b> : 0.0	_		Perf:			PKR Dep		
Activity a	t Report Ti	me: FRA	C MESAVERDE								
Start	End	Hrs	Activity Descr	iption							

09:00 20:30 11.5 RU SCHLUMBERGER. FRAC BLACKHAWK DOWN CASING W/4976 GAL YF125ST PAD, 44,817 GAL YF125ST & YF120ST & 167,255# 20/40 SAND @ 1-6 PPG. MTP 8004 PSIG. MTR 50.2 BPM. ATP 6091 PSIG. ATR 46.4 BPM. ISIP 4250 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 9474'. PERFORATED LPR FROM @ 9218'-20', 9238'-39', 9263'-65', 9297'-99', 9325'-27', 9342'-43' & 9373'-75' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4959 GAL YF125ST PAD, 43,879 GAL YF125ST & YF118ST & 167,652# 20/40 SAND @ 1-6 PPG. MTP 8638 PSIG. MTR 50.7 BPM. ATP 6081 PSIG. ATR 45.4 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 9152'. PERFORATED LPR FROM 8934'-36', 8964'-65', 8989'-91', 9004'-05', 9062'-64', 9087'-88', 9100'-01' & 9113'-14' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4971 GAL YF125ST PAD, 44,985 GAL YF125ST & YF118ST & 168,108# 20/40 SAND @ 1-6 PPG. MTP 7538 PSIG. MTR 51 BPM. ATP 5322 PSIG. ATR 46.7 BPM. ISIP 3150 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 8909'. PERFORATED MPR FROM 8716'-18', 8728'-29', 8759'-62', 8794'-96', 8823'-24' & 8870'-72' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/6334 GAL YF125ST PAD, 44,759 GAL YF125ST & YF118ST & 167,834# 20/40 SAND @ 1-6 PPG. MTP 7735 PSIG. MTR 51 BPM. ATP 5622 PSIG. ATR 45.5 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 8690'. PERFORATED MPR FROM 8493'-95', 8511'-13', 8544'-45', 8573'-75', 8619'-21', 8642'-44' & 8674'-75' @ 2 SPF & 180° PHASING. RDWL. SDFN.

07-16-2004 Reported By **SEARLE** DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** Completion Well Total MD 10,295 TVD 10,295 **Progress** Days 16 MW 0.0 Visc 0.0 Formation: MESAVERDE **PBTD:** 0.0 Perf: 8493-10110 PKR Depth: 0.0

Activity at Report Time: FLOW TEST

Start

End Hrs

**Activity Description** 

23.0 MIRU SCHLUMBERGER. SICP 2675 PSIG. FRAC MPR DOWN CASING WW/4962 GAL YF125ST PAD, 47,906 07:00 06:00 GAL YF125ST & YF118ST & 185,028# 20/40 SAND @ 1-6 PPG. MTP 7716 PSIG. MTR 51.6 BPM. ATP 5296 PSIG.

ATR 47.4 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

#### FLOWED 21 HRS. 12/64" CHOKE. FCP 3500 PSIG. RECOVERED 1365 BLW. 5661 BLWTR.

07-17-20	04 R	eported By	SI	EARLE							
DailyCost	_			Con	pletion			Daily	Total		
Cum Cost	s: Drilling			Con	pletion			Well ?	<b>Total</b>		
MD	10,295	TVD	10,295	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation	: MESAVI	ERDE	<b>PBTD</b> : 0	.0		Perf: 8493	-10110		PKR Dej	oth : 0.0	
Activity at	Report T	ime: FLOW	TEST								
Start	End	Hrs A	ctivity Desc	ription							
06:00	06:00	24.0 FI	OWED 24 H	RS. 12/64" CH	OKE. FCP	4300 PSIG. 1	0-12 BFPH	. RECOVER	ED 960 BLW	/. 4701 BLW	TR.
07-18-200	)4 R	eported By		EARLE							
DailyCosts	s: Drilling			Com	pletion	:		Daily	Total		
Cum Cost	s: Drilling			Com	pletion			Well 7	otal .		
MD	10,295	TVD	10,295	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	<b>PBTD</b> : 0.	.0		Perf: 8493	-10110		PKR Dep	th : 0.0	
Activity at	Report Ti	me: WO FAC	CILITIES							• •••	

Property: 053501

Start End Hrs Activity Description

06:00 19:00

13.0 FLOWED 13 HRS. 12/64" CHOKE. FCP 4400 PSIG. 10 BFPH. RECOVERED 156 BLW. 4554 BLWTR. SI @ 7 PM. TURNED WELL OVER TO PRODUCTION DEPARTMENT. DROP FROM REPORT UNTIL FURTHER ACTIVITY.

FINAL COMPLETION DATE: 7/17/04

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: 013 U-0284 A 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **SUNDRY NOTICES AND REPORTS ON WELLS UTE INDIAN TRIBE** 7. UNIT or CA AGREEMENT NAME Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. UTU 63013B 8. WELL NAME and NUMBER: 1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER **CHAPITA WELLS UNIT 845-21** 2. NAME OF OPERATOR: 9. API NUMBER: 4304735303 EOG RESOURCES, INC PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: **NATURAL BUTTES** CITY BIG PINEY STATE WY ,83113 (307) 276-3331 P.O. BOX 250 4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017' FNL - 763' FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 21 22E STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION DEEPEN ACIDIZE NOTICE OF INTENT (Submit in Duplicate) ALTER CASING FRACTURE TREAT SIDETRACK TO REPAIR WELL Approximate date work will start: CASING REPAIR **NEW CONSTRUCTION** TEMPORARILY ABANDON CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR VENT OR FLARE **CHANGE TUBING** PLUG AND ABANDON SUBSEQUENT REPORT PLUG BACK WATER DISPOSAL CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (START/RESUME) Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: DRILLING **OPERATIONS** RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Please see the attached well chronology report for drilling operations from 5/112004 - 8/19/2004.

NAME (PLEASE PRINT)	Alfreda Schulz		TITLE	Sr. Regulatory Assistant
SIGNATURE	Guda	Schulz	DATE	8/19/2004

(This space for State use only)

RECEIVED AUG 2 3 2004



#### WELL CHRONOLOGY REPORT

Report Generated On: 08-19-2004

CWU 845-21	Well Type	DEVG	Division	DENVER
CHAPITA WELLS DEEP	API#	43-047-35303	Well Class	1SA
UINTAH, UT	Spud Date	06-22-2004	Class Date	07-22-2004
N	TVD / MD	10,275/ 10,275	Property #	053501
0	Last CSG	4.5	Shoe TVD / MD	10,275/ 10,252
4,833/ 4,819				
Section 21, T9S, R22E, SWN	NW, 2017 FNL & 763	FWL		
	CHAPITA WELLS DEEP UINTAH, UT N 0 4,833/4,819	CHAPITA WELLS DEEP API #  UINTAH, UT Spud Date  N TVD / MD  0 Last CSG  4,833/4,819	CHAPITA WELLS DEEP API # 43-047-35303  UINTAH, UT Spud Date 06-22-2004  N TVD / MD 10,275/ 10,275  0 Last CSG 4.5	CHAPITA WELLS DEEP API # 43-047-35303 Well Class UINTAH, UT Spud Date 06-22-2004 Class Date  N TVD / MD 10,275/10,275 Property #  0 Last CSG 4.5 Shoe TVD / MD  4,833/4,819

**DRILL & COMPLETE** 1.0 Description **Event No** EOG RESOURCES, INC 50.0 NRI % 43.5 Operator WI % 1,475,800 831,600/644,200 AFE No 302505 **AFE Total** DHC / CWC TRUE #9 10-24-2003 07-03-2004 **Rig Contr** TRUE Rig Name Start Date Release Date

0.0

Visc

0.0

10-24-2003 Reported By

Daily Costs: DrillingCompletionDaily TotalCum Costs: DrillingCompletionWell Total

 Cum Costs: Drilling
 Completion
 Well Total

 MD
 0
 TVD
 0
 Progress
 0
 Days
 0
 MW

Formation: PBTD: 0.0 Perf: PKR Depth: 0.0

Activity at Report Time: LOCATION DATA

Start End Hrs Activity Description
06:00 06:00 24.0 LOCATION DATA

2017' FNL & 763' FWL (SW/NW) SECTION 21, T9S, R22E UINTAH COUNTY, UTAH

TRUE RIG #9

TD: 10,275' MESAVERDE

DW/GAS

CHAPITA WELLS DEEP PROJECT CHAPITA WELLS UNIT PROSPECT

LEASE: U-0284-A

ELEVATION: 4819' NAT GL, 4819' PREP GL, 4833' KB (14')

EOG WI 50%, NRI 43.5%

05-30-2004 Reported By **EDDIE TROTTER Daily Total** Completion DailyCosts: Drilling Well Total Completion **Cum Costs: Drilling** MW 0.0 Visc 0.0 2,430 TVD 2,430 Days MD **Progress** PKR Depth: 0.0 **PBTD**: 0.0 Perf: Formation:

#### Activity at Report Time: WORT

Start	End	Hrs	Activity Description	
06:00	06:00	24.0	MIRU PETE MARTIN'S BUCKET RIG. SPUDDED 20" HOLE @ 2:00 PM. 5/23/04.	

DRILLED 20" HOLE TO 45'. RAN 45' OF 13–3/8" 54#/FT H–40 ST&C CONDUCTOR PIPE AND CEMENTED TO SURFACE. DRILLED AND LINED RAT AND MOUSE HOLES. RD BUCKET RIG.

MIRU BILL JR'S AIR RIG.

DRILLED 12–1/4" HOLE TO 2430'. HIT WATER ZONE AND LOST CIRCULATION AT 1700' GL. RAN 57 JTS (2409.50') OF 9–5/8", 36.0#/FT, J–55, ST&C CASING & LANDED @ 2427.00' KB. RU BIG 4 CEMENTERS. PRESSURE TESTED LINES AND CEMENT VALVE TO 1500 PSIG. PUMPED 170 BBLS WATER AHEAD. MIXED & PUMPED 20 BBLS GELLED WATER AHEAD OF CEMENT.

LEAD CEMENT: MIXED & PUMPED 220 SX (149.6 BBLS) CEMENT W/16% GEL & 10#/SX GILSONITE, 3% SALT, 2% CACL2 & ½ #/SX FLOCELE. MIXED CEMENT @ 11.0 PPG W/YIELD OF 3.82 CF/SX.

TAIL CEMENT: MIXED & PUMPED 200 SX (42 BBLS) CEMENT W/2% CACL2 & ¼ #/SX FLOCELE. MIXED CEMENT @ 15.6 PPG W/YIELD OF 1.18 CF/SX. DISPLACED CEMENT W/183.30 BBLS WATER. BUMPED PLUG W/600#, CHECKED FLOAT, FLOAT HELD. SHUT-IN CASING VALVE. HAD CEMENT RETURNS TO SURFACE BUT FELL BACK. RAN 1" PIPE DOWN ANNULUS.

TOP OUT #1: MIXED & PUMPED 250 SX (52.5 BBLS) PREMIUM CEMENT W/4% CACL2 & ¼#/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 6 BBLS CEMENT RETURNS TO SURFACE, CEMENT FELL BACK.

TOP OUT #2: MIXED & PUMPED 85 SX (18 BBLS) PREMIUM CEMENT W/4% CACL2 & 1/4#/SX FLOCELE. MIXED CEMENT @ 16.0 PPG W/YIELD OF 1.18 CF/SX. HAD 8 BBLS CEMENT RETURNS TO SURFACE, CEMENT STAYED AT SURFACE.

RD BIG 4 CEMENTERS. PREPARED LOCATION FOR ROTARY RIG. WORT. WILL DROP FROM REPORT UNTIL FURTHER ACTIVITY.

#### NOTIFIED ED FORSMAN W/BLM & CAROL DANIELS W/UOGM OF SPUDDING WELL.

06-22-2	004 F	Reported	By BR	RUCE TAYLOR	1							
DailyCos	sts: Drilling	3		Con	npletion			Daily	y Total			
Cum Cos	sts: Drilling	g		Completion					Well Total			
MD	2,430	TVD	2,430	Progress	365	Days	1	MW	8.3	Visc	26.0	
Formatic	on:		<b>PBTD</b> : 0.0	0		Perf:			PKR Dep	oth: 0.0		
Activity :	at Report T	ime: DRI	LLING									
Start	End	Hrs	Activity Descr	ription								
11:00	16:00	5.0	RIG UP QUICK VALVES TO 250 KELLY 250 ADI	0 AND 5000 PS	SI FOR 10	MIN. TESTE	,	,				
16:00	16:30	0.5	TESTED CASIN	IG TO 1500 PS	I FOR 30	MINUTES.						
16:30	23:30	7.0	MADE UP 7 7/8 STAB, AND RES						•	COLLAR, S	TAB, 1-DC,	
23:30	00:00	0.5	PICKED UP KE	LLY. INSTALI	LED ROTA	TING HEAD						
00:00	01:00	1.0	DRILLED CEMI	ENT/FLOAT E	QUIPMEN	NT 2370' TO 2	430'. DRIL	TED 10, NE	W HOLE TO	2440'.		

01:00	01:30	0.5 CIRCULATED SAMPLES TO SURFACE.
01:30	02:00	0.5 PERFORM FIT TEST TO 11.5 PPG EQUIVALENT WITH 8.4 WATER IN HOLE AND 400 PSI APPLIED PRESSURE. PRESSURE BROKE BACK TO 240 PSI.
02:00	02:30	0.5 DRILLED 2430' TO 2495' (65'), 130'/HR, 18/20K WOB, 58 RPM.
02:30	03:00	0.5 SURVEYED @ 2430', 3 DEG.
03:00	06:00	3.0 DRILL & ROTATE 2495' TO 2795' (300'), 100'/HR, 18/20K WOB, 58 RPM.

FUEL AT START OF JOB 3350 GAL
RIG ON DAYWORK @ 11:00, 6/21/2004
NOTIFIED BLM (ED FORSMAN) IN VERNAL OF BOP TEST @ 01:00 PM, 6/19/2004
SAFETY MEETING: TESTING BOP'S, PU DP, SNUB LINES AND WHIP CHECKS
BOP DRILL, NIGHTS, 1 MIN 38 SEC
TEMP 52°

#### SPUD 7 7/8" SURFACE HOLE AT 02:00 HRS, 6/22/2004.

06-23-2004	Reported By	Bl	RUCE TAYLOR	₹						
DailyCosts: Da	rilling		Cor	npletion			Daily	Total		
Cum Costs: D	rilling		Con	npletion			Well	<b>Fotal</b>		
MD	4,780 <b>TVD</b>	4,780	Progress	1,985	Days	2	MW	8.4	Visc	27.0
Formation:		PBTD: 0	.0		Perf:			PKR De	oth : 0.0	

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILLED 2795' TO 2870', (75'), 50'/HR, 18/20K WOB, 58 RPM.
07:30	08:00	0.5	SURVEYED @ 2820', 3 1/2 DEG.
08:00	08:30	0.5	DRILLED 2870' TO 2932', (62'), 124'/HR, 18/20K WOB, 58 RPM.
08:30	09:00	0.5	SERVICED RIG & FUNCTION TESTED HYDRIL, FLOOR VALVES & CHECK COM.
09:00	11:30	2.5	DRILLED 2932' TO 3242' (310') 124'/HR. 18/22K WOB, 58 RPM.
11:30	12:00	0.5	SURVEYED @ 3200', 3 1/2 DEG.
12:00	16:30	4.5	DRILLED 3242' TO 3648' (406') 90.2'/HR. 18/22K WOB, 58 RPM.
16:30	17:00	0.5	SURVEYED @ 3597', 2 3/4 DEG.
17:00	23:00	6.0	DRILLED 3648' TO 4126', (478'), 79.6'/HR, 18/22K WOB, 58 RPM.
23:00	23:30	0.5	SURVEYED @ 4070', 2 1/2 DEG.
23:30	03:30	4.0	DRILLED 4126' TO 4614', (488'), 122'/HR, 20/22K WOB, 58 RPM.
03:30	04:00	0.5	SURVEYED @ 4572', 2 1/2 DEG
04:00	06:00	2.0	DRILLED 4614' TO 4780', (166'), 83'/HR, 20/22K WOB, 58 RPM.

FORMATION: WASATCH 4717'
SAFETY MEETING: GAS KICKS, RUNNING SLICK LINE UNIT
BOP DRILL, NIGHTS: 1 MIN 38 SEC, DAYS: 1 MIN 22 SEC
TEMP 54°

 06-24-2004
 Reported By
 BRUCE TAYLOR

 DailyCosts: Drilling
 Completion
 Daily Total

 Cum Costs: Drilling
 Completion
 Well Total

6,575	TVD	6,575	Progress	1,795	Davs	3	MW	8.4	Visc	28.0
n :		<b>PBTD</b> : 0.	Ū	•	Perf:	-	2,2,1,			20.0
t Report Ti	me: DRII	LLING						-		
End	Hrs	Activity Descr	ription							
07:00	1.0	DRILLED 4780	'TO 4864', (84	4'), 84'/HR,	20/22K WOB	, 58 RPM.				
07:30	0.5	SERVICED RIG	. FUNCTION	TESTED H	IYDRIL, RAN	1 & FLOOR	VALVES.			
09:30	2.0	DRILLED 4864	'TO 5113', (24	19'), 124.5'/	HR, 20/22K V	OB, 58 RP	М.			
10:00	0.5	SURVEYED @	5070', 2 DEG.							
10:30	0.5	DRILLED 5113	'TO 5207', (94	'), 188'/HR	, 20/22K WO	B, 58 RPM.				
11:30		PULLED ROTAT	TING HEAD F	UBBER. I	NSTALLED V	VEAR BUSI	HING & RE-	INSTALL RO	TATING H	IEAD
17:00	5.5	DRILLED 5207'	TO 5608', (40	1'), 72.9'/H	R, 20/22K W	OB, 58 RPM	l.			
17:30	0.5	SURVEYED@:	5560', 2 3/4 DI	EG.						
23:30	6.0	DRILLED 5608'	TO 6105', (49	7'), 82.8'/H	R, 20/22K W	OB, 58 RPM				
00:00	0.5	SURVEYED@	6064', 2 1/2 DI	EG.						
06:00	6.0	DRILLED 6105'	TO 6575', (47	0'), 78.3'/H	R, 20/22K W	OB, 58 RPM				
		SAFETY MEETI	ING: FORK L	IFT, LIFTN	NG PIPE, WIR	ELINE SUI	RVEYS			
		TEMP 58 DEG								
	resident Ti End  07:00  07:30  09:30  10:00  10:30  11:30  17:00  17:30  23:30  00:00	Trian trians tri	PBTD : 0.   PBTD : 0.	PBTD: 0.0  t Report Time: DRILLING  End Hrs Activity Description  07:00 1.0 DRILLED 4780' TO 4864', (84- 07:30 0.5 SERVICED RIG. FUNCTION 09:30 2.0 DRILLED 4864' TO 5113', (24- 10:00 0.5 SURVEYED @ 5070', 2 DEG. 10:30 0.5 DRILLED 5113' TO 5207', (94- 11:30 1.0 PULLED ROTATING HEAD FRUBBER.  17:00 5.5 DRILLED 5207' TO 5608', (40- 17:30 0.5 SURVEYED @ 5560', 2 3/4 DRILLED 5608' TO 6105', (49- 00:00 0.5 SURVEYED @ 6064', 2 1/2 DRILLED 6105' TO 6575', (47- SAFETY MEETING: FORK L	PBTD: 0.0  t Report Time: DRILLING  End Hrs Activity Description  07:00	## PBTD: 0.0 Perf: ## Report Time: DRILLING  End Hrs Activity Description    07:00	## PBTD: 0.0 Perf: ## Report Time: DRILLING  End Hrs Activity Description    07:00	## PBTD: 0.0 Perf:  ## Report Time: DRILLING    Page	PBTD: 0.0 Perf: PKR Dept Report Time: DRILLING  End Hrs Activity Description  07:00 1.0 DRILLED 4780' TO 4864', (84'), 84'/HR, 20/22K WOB, 58 RPM.  07:30 0.5 SERVICED RIG. FUNCTION TESTED HYDRIL, RAM & FLOOR VALVES.  09:30 2.0 DRILLED 4864' TO 5113', (249'), 124.5'/HR, 20/22K WOB, 58 RPM.  10:00 0.5 SURVEYED @ 5070', 2 DEG.  10:30 0.5 DRILLED 5113' TO 5207', (94'), 188'/HR, 20/22K WOB, 58 RPM.  11:30 1.0 PULLED ROTATING HEAD RUBBER. INSTALLED WEAR BUSHING & RE-INSTALL RORUBBER.  17:00 5.5 DRILLED 5207' TO 5608', (401'), 72.9'/HR, 20/22K WOB, 58 RPM.  17:30 0.5 SURVEYED @ 5560', 2 3/4 DEG.  23:30 6.0 DRILLED 5608' TO 6105', (497'), 82.8'/HR, 20/22K WOB, 58 RPM.  00:00 0.5 SURVEYED @ 6064', 2 1/2 DEG.  06:00 6.0 DRILLED 6105' TO 6575', (470'), 78.3'/HR, 20/22K WOB, 58 RPM.	## PBTD: 0.0 Perf: PKR Depth: 0.0 transport Time: DRILLING    End

FORMATION: WASATCH @ 4721' 50% SH, 40% SS, 10% SLTST

Formation:			<b>PBTD</b> : 0.0			Perf:			PKR De	pth : 0.0	
MD	7,655	TVD	7,655	Progress	1,080	Days	4	MW	9.0	Visc	37.0
DailyCosts: D Cum Costs: D					npletion npletion			Daily Well T			
06-25-2004		eported By	В	RUCE TAYLOR	t						

Activity at Report Time: DRILLING

Start	End	Hrs	Activity Description
06:00	07:30	1.5	DRILLED 6575' TO 6664', (89'), 59.3'/HR, 20/22K WOB, 58 RPM.
07:30	08:00	0.5	SERVICED RIG. FUNCTION TESTED HYDRIL, RAMS, FLOOR VALVES & CHK COM.
08:00	08:30	0.5	SURVEYED @ 6615', 2 1/2 DEG.
08:30	16:00	7.5	DRILLED 6664' TO 7160', (496'), 66.1'/HR, 22/23K WOB, 58 RPM.
16:00	16:30	0.5	SURVEYED @ 7110', 2 3/4 DEG.
16:30	17:30	1.0	DRILLED 7160' TO 7219', (59'), 59'/HR, 22/23K WOB, 58 RPM.
17:30	21:30		CIRCULATED OUT GAS, MAX GAS 8100 UNITS. FLARED 20' TO 40'. CIRCULATED AND MUD UP SYSTEM, WEIGHT UP TO 9 PPG, GAS DOWN TO 2500 UNITS.
21:30	06:00	8.5	DRILLED 7219' TO 7655', (436'), 51.2'/HR, 22/23K WOB, 58 RPM.

BGG: 1362, CG 2644

SURVEY GAS 8088, HIGH GAS 6074 FORMATION: PRICE RIVER @ 7450' 45% SH, 50% SS, 5% SLTST

SAFETY MEETING: MAKING CONNECTIONS, WL SURVEY, PROPER PPE

	•		TEMP 51 DEG	3							
06-26-20	04 R	Reported I	Ву Б	BRUCE TAYLO	R				· · · · · · · · · · · · · · · · · · ·		
DailyCost	s: Drilling			Co	mpletion			Dai	ly Total		
Cum Cost	s: Drilling			Co	mpletion			Wel	l Total		
MD	8,013	TVD	8,013	Progress	358	Days	5	MW	9.5	Visc	40.0
Formation	1:		PBTD:	0.0		Perf:			PKR Der	oth : 0.0	
Activity at	t Report T	ime: TRIP	PING						-		
Start	End	Hrs	Activity Des	cription							
06:00	10:30	4.5	DRILLED 765	5'TO 7831', (1	76'), 39.1'.	/HR, 20/22K W	OB, 58 RPI	M.			
10:30	11:00	0.5	SERVICED RI	G, FUNCTION	TESTED	HYDRIL, CHE	СК СОМ.				
11:00	11:30	0.5	SURVEYED @	2) 7790', 2 1/2 D	EG.						
11:30	00:30	13.0	DRILLED 783	1'TO 8013', (18	32'), 14'/H	R, 22/28K WO	B, 58-61 R	PM.			
00:30	04:00			ND PULLED OU PACT DAMAGE					BIT HAS SMA	LL PART OF	1 BLADE
04:00	06:00	2.0	MADE UP DS	X 146 AND TIH	WITH SA	AME.					
			SAFETY MEE	TING: ELECTI	RICAL RE	PAIR, HORSE	PLAY, HO	LE FILL DU	RING TRIPS		
			TEMP 57 DEG			<b>,</b>	, , , , , , , , , , , , , , , , , , , ,				
		:	FORMATION:	PRICE RIVER							
		:	55% SH, 35% S	SS, 10% SLTST							
		1	BGG 2182, CG	7175, HIGH GA	AS 5461						
06-27-200	4 Re	ported B	y B	RUCE TAYLOR		<del></del>					
DailyCosts	: Drilling			Con	pletion			Dail	y Total		
Cum Costs	: Drilling			Con	pletion			Well	Total		
MD	8,542	TVD	8,542	Progress	529	Days	6	MW	10.1	Visc	48.0
Formation	:		<b>PBTD</b> : 0	.0		Perf:			PKR Dep	t <b>h:</b> 0.0	
Activity at	Report Ti	me: DRILI	JING						•		
Start	End	Hrs A	Activity Desc	ription							
06:00	08:30	2.5 F	INISHED TIH	•							
08:30	09:00	0.5 V	VASHED/REA	MED 60' TO BO	оттом, в	ATTERN BIT.					
09:00	11:00	2.0 I	RILLED 8013	'TO 8078, (65')	, 32.5'/HF	k, 10/12K WOE	3, 58 RPM.				
11:00	11:30	0.5 3	0 MINUTE SA	FETY MEETIN	G WITH	DAYLIGHT CI	REW ON FA	ALL PROTE	CTION GIVEN	BY D FISH	ER.
11:30	12:30			'TO 8110' (32')							
12:30	13:00	0.5 S	ERVICED RIC	G, FUNCTION T	ESTED H	YDRIL, FLOC	R VALVES	& CHECK	СОМ.		
13:00	23:00			'TO 8357', (279							
23:00	23:30			8314', 3 1/2 DE							
23:30	06:00		•	'TO 8542', (185		IR, 12/15K WC	)B, 58 RPM				
		S.	AFETY MEET	'ING: FALL PR	OTECTIC	N, TRIPPING					
			EMP 51 DEG			,					

20%SH, 75% SS, 5% SLTST

#### BGG 2465, CG 2949, TRIP GAS 2850, DTG 6770

06-28-20	04 R	Reported	By Bi	RUCE TAYLO	R					
DailyCost	s: Drilling			Co	mpletion			Dai	ly Total	
Cum Cost	s: Drilling	;		Co	mpletion			Wel	l Total	
MD	8,964	TVD	8,964	Progress	422	Days	7	MW	10.6 <b>Visc</b>	40.
Formation	1:		<b>PBTD</b> : 0	.0		Perf:			PKR Depth: 0.0	
Activity at	Report T	ime: DR	ILLING							
Start	End	Hrs	Activity Desc	ription						
06:00	08:00	2.0	DRILLED 8542	'TO 8603', (6	1'), 30.5'/H	R, 12/18K WC	)B, 58 RPM.			
08:00	08:30	0.5	5 RIG SERVICEI	). FUNCTION	TESTED I	HYDRIL, PIPI	E RAMS, CH	IECK COM	I.	
08:30	06:00	21.5	5 DRILLED 8603	'TO 8964', (3	61'), 16.8'/I	HR, 12/18K W	OB, 58 RPM	1.		
			SAFETY MEET WITH SETH'S			30 MINUTE S	SAFETY ME	EETING W/	D FISHER ON FALL PROT	ECTION
			RAISED WT. TO	O 10.6 PPG DI	JE TO SHA	LE				
			TEMP 53 DEG			÷				
			FORMATION: I	OWER PRICE	E RIVER					
			25% SH, 15% S			SH, 20% CO	<b>AL</b>			
			BGG-1726, CG	-2427, HG-37	05,					
	******		CG FLARE 10'							
06–29–200 DailyCosts		eported }	By BR	UCE TAYLOR	npletion			Dail	y Total	
Cum Costs	_				npletion				Total	
MD	9,355	TVD	9,355	Progress	391	Days	8	MW	11.3 Visc	40.0
Formation			<b>PBTD</b> : 0.0	•		Perf :			PKR Depth: 0.0	70.0
Activity at		me: DRII				1011.			Tack Depth : 0.0	
Start	End	Hrs	Activity Descr	iption						
06:00	10:00	4.0	DRILLED 8964'	TO 9004', (40	'), 10'/HR,	12/14K WOB,	58 RPM.			
10:00	11:30	1.5	RIG SERVICED.	FUNCTION	TESTED H	YDRIL, PIPE	RAMS & C	HECKED (	COM.	
11:30	23:00	11.5	DRILLED 9004'	TO 9230', (22	6'), 19.6'/H	R, 20/22K WC	DB, 58 RPM.	•		
23:00	23:30	0.5	REPAIRED GAS	DETECTOR A	AND LIGH	TS ON SHAK	ER PIT.			
23:30	06:00	6.5	DRILLED 9230'	TO 9355', (12:	5'), 19.2'/H	R, 20/22K WC	OB, 58 RPM.			
			SAFETY MEETI	NG: WORKIN	IG ON PUM	1PS/ELECTR	ICAL REPA	IR		
			TEMP 55 DEG							
			FORMATION: LO							
			40% SH, 35% SS	•						
			BGG 3546, CG 35		2, HIGH G	3561, FLARE	2' TO 15'			
6-30-2004	Rep	ported B	By BRU	CE TAYLOR						
	Drilling			Com	pletion			Daily	Total	

Cum Co	sts: Drilling			Cor	npletion			We	ll Total	
MD	9,568	TVD	9,568	Progress	213	Days	9	MW	11.6 Vis	<b>c</b> 41.0
Formation	on:		<b>PBTD</b> : 0	.0		Perf:			PKR Depth : 0	0.0
Activity	at Report Ti	ime: DR	ILLING							
Start	End	Hrs	Activity Desc	ription						
06:00	07:30	1.	5 DRILLED 9355	5' TO 9378', (23	3'), 15.3'/	IR, 20/22K \	VOB, 58 RPM	L.		
07:30	08:30	1.	0 SURVEYED@	9300', 3 1/4 D	EG.					
08:30	06:00	21.	5 DRILLED 9378	3' TO 9568', (19	0'), 8.8'/l	łR, 20/25 W	OB, 58 RPM.			
			SAFETY MEET TEMP 56 DEG	ΓING: PUMP R	EPAIR, M	IAN BASKE	T ON FORK I	LIFT, PINCI	H POINTS	
			FORMATION:	SEGO 9402'						
			35% SH, 45% S	S, 10% SLTST,	10% SLT	ST				
			BGG 1788, CG	6465, HIGH GA	AS 3986					
07-01-20	004 R	eported	By VII	NCE GUINN					, <u>a</u> m 11-11 à	
DailyCos	ts: Drilling			Com	pletion			Dail	ly Total	
Cum Cos	ts: Drilling			Com	pletion			Wel	l Total	
MD	9,789	TVD	9,789	Progress	221	Days	10	MW	11.8 Visc	42.0
Formatio	n:		<b>PBTD</b> : 0.0	0		Perf :			PKR Depth: 0.	.0
Activity a	ıt Report Ti	me: DRI	ILLING						•	
Start	End	Hrs	Activity Descr	intian						
06:00	08:30		DRILLED 9568'	-	'/7 6'/HR1	WT 20/25	RPM 55 PSI 1	1700 SPM 1	120 GPM 387	
08:30	13:30		PUMPED PILL.	•	_				•	
13:30	17:30		LD BIT #2. PU				v. 0 · 2	,, ,,,,		
17:30	18:30		WASHED 70' TO							
18:30	21:30		DRILLED 9587'	·		WT 20/25. R	PM 55, PSI 1	700. SPM 1	15. GPM 371.	
21:30	22:00					· ·	•		VALVES AND CROV	VN SAVER.
22:00	06:00		DRILLED 9635'							
			FORMATION: C BG GAS 1016U,				:H, 5% SLTST	, 10% CAR	в ѕн	
			SAFETY MEETI FUEL LAST 24 I TEMP 55°		G, PINCH	POINTS, A	ND TRIPPINO	G PIPE W/N	EW HIRE ON FLOO	R
07-02-20	04 Rej	ported 1	By VIN	ICE GUINN						
DailyCost	s: Drilling			Comp	pletion			Daily	y Total	
Cum Cost	s: Drilling			Comp	pletion			Well	Total	
MD	10,193	TVD	10,193	Progress	404	Days	11	MW	11.6 <b>Visc</b>	42.0
Formation	ı:		<b>PBTD</b> : 0.0			Perf:			PKR Depth: 0.0	)
Activity at	Report Tin	ie: DRII	LING							
Start	End	Hrs	Activity Descri	ption						

06:00	08:30	2.5 DRII	LLED 9789' TO 982	3', [34'/14'/HR]	, WT 10/15, R	PM 53, PSI	1750, SPM 1	10, GPM 355.	
08:30	09:00	0.5 RIG	SERVICED. FUNC	TIONED PIPE	RAMS, ANN, I	HCR, FLOO	R AND KEI	LLY VALVES AND	CROWN SAVER.
09:00	06:00	21.0 DRII	LLED 9823' TO 10,1	193', [370'/17'/}	IR], WT 10/20	, RPM 53, P	SI 1750, SPI	M 110, GPM 355.	
			MATION: BLACKI GAS 2245U, CONN		35% SS, 35%	SH, 15% SL	TST, 15% C	ARB SH	
			ETY MEETING: W	EARING PPE, I	LOCK OUT TA	AG OUT AN	D RESPIRA	TORY PROTECTIO	N WHEN MIXING
			L LAST 24 WAS 90	0 GAL					
			P 63 DEGREES	o Grib					
07-03-200	)4 Re	eported By	VINCE GU	INN				· · · · · · · · · · · · · · · · · · ·	
DailyCosts	: Drilling			Completion			Dail	y Total	
Cum Cost	s: Drilling			Completion			Well	·   Total	
MD	10,295	TVD	10,295 <b>Progre</b>	ess 102	Days	12	MW	11.5 <b>Vi</b> :	sc 37.0
Formation	:	F	PBTD: 0.0		Perf:			PKR Depth:	0.0
Activity at	Report Ti	me: RUNNING	4-1/2" CSG					•	
Start	End	Hrs Activ	vity Description						
06:00	09:00	3.0 DRIL	LED 10,193' TO 10	,240' [47'/16'/H	R], WT 10/20,	RPM 53, PS	I 1750, SPM	I 110, GPM 355.	
09:00	09:30	0.5 RIG S SAVE		TIONED PIPE R	AMS, ANNUI	LAR, HCR,	FLOOR AN	D KELLY VALVES	AND CROWN
09:30	11:30	2.0 DRIL SPM	LED 10,240' TO 10, 110, GPM 355.	,295' TD [55'/28	'/HR]. REAC	HED TD AT	11:30 AM,	7/2/04. WT 10/20, F	RPM 53, PSI 1800,
11:30	13:30	2.0 CIRC	ULATED FOR SHO	ORT TRIP.					
13:30	14:30	1.0 SHOR	RT TRIP 10 STDS, H	IAD 30K OVER	PULL ON STI	O #7.			
14:30	18:30	4.0 CIRC	AND COND MUD	FOR POH.					
18:30	02:00	7.5 POH.	LD DRILL PIPE. I	PULLED WEAR	BUSHING A	ND BREAK	KELLY. LI	D DC.	
02:00	03:00		ESTATES CASING						
03:00	06:00	3.0 RUNN	NING 4-1/2" CSG A	T REPORT TIM	E.				
		FORM	MATION: TOP BLAC	CKHAWK AT 10	0018'				
		35% S	S, 35% SH, 15% SL	TST, CARB SH	15%.				
		BG GA	AS 3933U, CONN 4	182U, SHORT T	TRIP 3542U.				
		SAFET DP.	TY MEETING ON V	WORKING W/P	OWER SAND	ING TOOLS	s, proper	PROCEDURE FOR	LAYING DOWN
		FUEL	LAST 24 WAS 740	GAL.					
		LAID I HRS, 7		VESTATES CAS	ING SERVICI	E. CALLED	BLM TO N	OTIFY OF CEMEN	TING AT 14:30
07-04-2004	Rep	orted By	VINCE GUIN	NN					
DailyCosts:	Drilling	-		Completion			Daily	Total	
Cum Costs:	Drilling		•	- Completion			Well 7		

0 Days

13

MW

11.5

Visc

37.0

10,295 Progress

10,295 **TVD** 

MD

17:30

22:00

**PBTD**: 0.0 Formation: Perf: PKR Depth: 0.0 Activity at Report Time: WO COMPLETION End Hrs **Activity Description** 2.5 FINISHED RUNNING CASING. RAN AND LANDED 258 JTS OF 4-1/2", 11.6#, P-110, LT&C CSG AT 10252' 06:00 08:30 W/MKR JT AT 8043' & 4720'. FLOAT COLLAR @ 10,212'. RAN 50 BOW SPRING CENTRALIZERS ON MIDDLE OF 1ST JT AND EVERY OTHER JT THEREAFTER. 08:30 1.0 ATTEMPTED TO CIRC CSG TO BTM W/O SUCCESS. LD TOP JT. 09:30 2.0 CIRCULATED FOR CEMENTING. 11:30 13:30 13:30 0.5 RU SCHLUMBERGER AND HELD SAFETY MEETING. 14.00 2.5 CEMENTED WELL AS FOLLOWS: PUMPED 20 BBLS WASH FOLLOWED BY 20 BBLS WATER, LEAD WITH 500 14:00 16:30 SX 35:65 POZ "G", 4% D020, 2% D174, .25% D029, .2% D046, .75% D112, .2% D013. MIXED AT 13 PPG, YIELD 1.75 CFS. TAILED IN WITH 1700 SX 50:50 POZ "G", 2% D020, 2% D065, 2% D167, 1% D046, .075% D013. MIXED AT 14.1 PPG, YIELD 1.29 CFS. DISPLACED CEMENT W/158 BBL FRESH WATER. DISPLACED CMT AT 8 BPM AND 3150 PSI. BUMPED PLUG WITH 3800 PSI CIPIC @ 16:20 PM. HAD FULL RETURNS THROUGHOUT. 16:30 17:30 1.0 LANDED CSG W/80K. TESTED SEALS AND BACKOFF LANDING JT. 4.5 CLEANED MUD TANKS. RDRT. WILL DROP FROM REPORT UNTIL COMPLETION COMMENCES.

> HAD 15' FLARE @ BOTTOMS UP. RELEASED PRESSURE AND FLOATS HELD OK. LOADED OUT MUD SUPPLIES AND MOVED TO 219-05.

#### 24.0 RELEASED RIG AT 3:00 AM, 7/3/04

#### CASING POINT COST

07-14-2	004	Reported I	By SI	EARLE							
DailyCos	sts: Drillin	ıg		Con	npletion			Dail	y Total		
Cum Cos	sts: Drillin	ng		Con	npletion			Wel	l Total		
MD	10,29	5 TVD	10,295	Progress	0	Days	14	MW	0.0	Visc	0.0
Formatio	n:		<b>PBTD</b> : 0	.0		Perf:			PKR De <sub>l</sub>	oth: 0.0	
Activity a	at Report	Time: FRA	C MESAVERDE								
Start	End	Hrs	Activity Desc	ription							
07:00	14:00	7.0	NU 4 1/6" FRA	CTREE. PRES	SURE TES	STED CASING	G, TREE &	FLOWBACI	K EQUIPMEN	T TO 8400 PS	SIG.
			RU CUTTERS	WL.							

PERFORATED BLACKHAWK FROM 10,051'054', 10,059'-60', 10,066'-67', 10,081'-84', 10,101'-02' & 10,108'-10' W/3-1/8" HSC PORTED CASING GUNS @ 2 SPF & 180° PHASING. RDWL. SDFN.

07-15-2	004	Reported	By SE	EARLE							
DailyCos	sts: Drillin	g		Com	pletion			Daily	y Total		
Cum Co	sts: Drillin	g		Com	pletion			Well	Total		
MD	10,295	TVD	10,295	Progress	0	Days	15	MW	0.0	Visc	0.0
Formatio	on:		<b>PBTD</b> : 0.	0		Perf:			PKR De	pth : 0.0	
Activity :	at Report T	fime: FRA	C MESAVERDE								
Start	End	Hrs	Activity Desci	ription							

09:00 20:30

11.5 RU SCHLUMBERGER. FRAC BLACKHAWK DOWN CASING W/4976 GAL YF125ST PAD, 44,817 GAL YF125ST & YF120ST & 167,255# 20/40 SAND @ 1-6 PPG. MTP 8004 PSIG. MTR 50.2 BPM. ATP 6091 PSIG. ATR 46.4 BPM. ISIP 4250 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 9474'. PERFORATED LPR FROM @ 9218'-20', 9238'-39', 9263'-65', 9297'-99', 9325'-27', 9342'-43' & 9373'-75' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4959 GAL YF125ST PAD, 43,879 GAL YF125ST & YF118ST & 167,652# 20/40 SAND @ 1-6 PPG. MTP 8638 PSIG. MTR 50.7 BPM. ATP 6081 PSIG. ATR 45.4 BPM. 1SIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 9152'. PERFORATED LPR FROM 8934'-36', 8964'-65', 8989'-91', 9004'-05', 9062'-64', 9087'-88', 9100'-01' & 9113'-14' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/4971 GAL YF125ST PAD, 44,985 GAL YF125ST & YF118ST & 168,108# 20/40 SAND @ I-6 PPG. MTP 7538 PSIG. MTR 51 BPM. ATP 5322 PSIG. ATR 46.7 BPM. ISIP 3150 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 8909'. PERFORATED MPR FROM 8716'-18', 8728'-29', 8759'-62', 8794'-96', 8823'-24' & 8870'-72' @ 2 SPF & 180° PHASING. RDWL. RU SCHLUMBERGER. FRAC DOWN CASING W/6334 GAL YF125ST PAD, 44,759 GAL YF125ST & YF118ST & 167,834# 20/40 SAND @ 1-6 PPG. MTP 7735 PSIG. MTR 51 BPM. ATP 5622 PSIG. ATR 45.5 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

RUWL. SET 10K COMPOSITE FRAC PLUG @ 8690'. PERFORATED MPR FROM 8493'-95', 8511'-13', 8544'-45', 8573'-75', 8619'-21', 8642'-44' & 8674'-75' @ 2 SPF & 180° PHASING. RDWL. SDFN.

Formation : MI	ESAVERDE	<b>PBTD</b> : 0	.0		Perf: 8493	-10110		PKR De	oth : 0.0	
<b>MD</b> 10	,295 <b>TVD</b>	10,295	Progress	0	Days	16	MW	0.0	Visc	0.0
DailyCosts: Dr Cum Costs: Dr				pletion pletion			Daily Well 1			
07-16-2004	Reported By	SI	EARLE							

Activity at Report Time: FLOW TEST

Start End Hrs Activity Description

07:00 06:00 23.0 MIRU SCHLUMBERGER. SICP 2675 PSIG. FRAC MPR DOWN CASING WW/4962 GAL YF125ST PAD, 47,906 GAL YF125ST & YF118ST & 185,028# 20/40 SAND @ 1-6 PPG. MTP 7716 PSIG. MTR 51.6 BPM. ATP 5296 PSIG.

ATR 47.4 BPM. ISIP 3500 PSIG. RD SCHLUMBERGER.

#### FLOWED 21 HRS. 12/64" CHOKE. FCP 3500 PSIG. RECOVERED 1365 BLW. 5661 BLWTR.

07-17-2004	R	eported By	S	EARLE							
DailyCosts: I	rilling			Con	npletion			Daily	Total		
Cum Costs: I	rilling			Con	npletion			Well	Total		
MD	10,295	TVD	10,295	Progress	0	Days	17	MW	0.0	Visc	0.0
Formation : 1	<b>IESAVE</b>	RDE	PBTD:	0.0		Perf: 8493	3-10110		PKR De	<b>pth:</b> 0.0	
Activity at Re	port Ti	me: FLOW 7	ΓEST								
Start Er	ıd	Hrs Ac	tivity Desc	ription							
06:00	06:00	24.0 FL	OWED 24 H	IRS. 12/64" CH	OKE. FCI	9 4300 PSIG.	10-12 BFPH	I. RECOVER	ED 960 BLV	V. 4701 BLW	ΓR.
07-18-2004	Re	ported By	SE	EARLE							
DailyCosts: D	rilling			Com	pletion			Daily	Total		
Cum Costs: D	rilling			Com	pletion			Well 7	<b>Fotal</b>		
MD	0,295	TVD	10,295	Progress	0	Days	18	MW	0.0	Visc	0.0
Formation : M	IESAVEI	RDE	<b>PBTD</b> : 0.	.0		Perf: 8493	-10110		PKR Dep	oth: 0.0	
Activity at Re	port Tir	ne: WO FAC	ILITIES								

Page 10

Start

06:00

End

06:00

Hrs

Activity Description

06:00	End	Hrs	Activity Des	scription							
00.00	19:00	13.0							D 156 BLW. 45 EPORT UNTIL		
			FINAL COM	PLETION DAT	ΓE: 7/17/04						
07-23-20	04 R	eported l	By S	SEARLE							
DailyCost	ts: Drilling			C	Completion			Dai	ly Total		
Cum Cost	ts: Drilling			C	Completion			Wel	l Total		
MD	10,295	TVD	10,295	Progress	0	Days	19	MW	0.0	Visc	0.0
Formatio	n: MESAVE	RDE	PBTD:	0.0		Perf: 849	3-10110		PKR Dept	th: 0.0	
Activity a	t Report Ti	me: INIT	TAL PRODUC	TION							
Start	End	Hrs	Activity Des	cription							
06:00	06:00	24.0	OPENING PR FLOWING 12				JRNED WI	ELL TO QUE	STAR SALES A	AT 10:00 AM	, 7/22/04.
07-26-20	04 Re	ported I	<b>З</b> у (	GEORGE MCI	BRIDE						
DailyCost	s: Drilling			C	ompletion			Dail	ly Total		
Cum Cost	s: Drilling			C	ompletion			Wel	l Total		
MD	10,295	TVD	10,295	Progress	0	Days	20	MW	0.0	Visc	0.0
Formation	: MESAVE	RDE	PBTD:	10248.0		Perf: 849	3-10110		PKR Dept	h: 0.0	
Start	End	Hrs	Activity Des	•							
		Hrs 24.0	Activity Desc 7/24/04 - FLO 7/25/04 - FLO	WED 573 MC	CF, 6 BC & 4	0 BW IN 24 F	IRS ON 8/6	4" CK, FCP		JGGING.	
<b>Start</b> 06:00	<b>End</b> 06:00	Hrs 24.0	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO	WED 1213 MC	CF, 6 BC & 4	0 BW IN 24 F	IRS ON 8/6	4" CK, FCP	4800 PSIG.	UGGING.	
Start 06:00	End 06:00	Hrs 24.0	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB	CF, 6 BC & 4 CF, 8 BC & 4 BRIDE	0 BW IN 24 F	IRS ON 8/6	4" CK, FCP	4800 PSIG. 4750 PSIG.	JGGING.	
Start 06:00 07-27-200 DailyCosts	End 06:00  A Rej	Hrs 24.0	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB	CF, 6 BC & 4 CF, 8 BC & 4 RIDE  Dompletion	0 BW IN 24 F	IRS ON 8/6	4" CK, FCP 4" CK, FCP Dail	4800 PSIG. 4750 PSIG. y Total	JGGING.	
Start 06:00  07-27-200  DailyCosts  Cum Costs	End 06:00  Rej Crilling Crilling	Hrs 24.0 ported B	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO sy G	WED 573 MC WED 1213 Mc WED 1228 MC EORGE MCB Cc	CF, 6 BC & 4 CF, 8 BC & 4 RIDE completion completion	0 BW IN 24 F	IRS ON 8/6	4" CK, FCP 4" CK, FCP Dail Well	4800 PSIG. 4750 PSIG. y Total Total		
Start 06:00  07-27-200  DailyCosts  Cum Costs	End 06:00  A Replication of the second of th	Hrs 24.0  ported B	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO sy G	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress	CF, 6 BC & 4 CF, 8 BC & 4 RIDE  Dompletion	0 BW IN 24 F 8 BW IN 24 F Days	IRS ON 8/6 IRS ON 8/6	4" CK, FCP 4" CK, FCP Dail	4800 PSIG.  4750 PSIG.  y Total  Total  0.0	Visc	0.0
Start 06:00  07-27-200  DailyCosts Cum Costs MD  Formation	End  06:00  4 Re :: Drilling :: Drilling 10,295 :: MESAVER	Hrs 24.0  ported B  TVD	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO Ty G 10,295 PBTD: 1	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress	CF, 6 BC & 4 CF, 8 BC & 4 RIDE completion completion	0 BW IN 24 F	IRS ON 8/6 IRS ON 8/6	4" CK, FCP 4" CK, FCP Dail Well	4800 PSIG. 4750 PSIG. y Total Total	Visc	0.0
07–27–200 DailyCosts Cum Costs MD Formation Activity at	End  06:00  A Rej  C Drilling  10,295  C MESAVER  Report Tim	Hrs 24.0  Dorted B  TVD  DE  ne: ON S.	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO ty G 10,295 PBTD: 1	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress 0248.0	CF, 6 BC & 4 CF, 8 BC & 4 RIDE completion completion	0 BW IN 24 F 8 BW IN 24 F Days	IRS ON 8/6 IRS ON 8/6	4" CK, FCP 4" CK, FCP Dail Well	4800 PSIG.  4750 PSIG.  y Total  Total  0.0	Visc	0.0
Start 06:00  07-27-200  DailyCosts  Cum Costs  MD  Formation  Activity at	End  06:00  4 Re :: Drilling :: Drilling 10,295 :: MESAVER	Hrs 24.0  Ported B  TVD  DE  ne: ON SA  Hrs	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO Gy G 10,295 PBTD: 1 ALES Activity Desc	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress 0248.0	CF, 6 BC & 4: CF, 8 BC & 4: PRIDE Completion Completion O	0 BW IN 24 F 8 BW IN 24 F Days Perf: 8493	21 10110	4" CK, FCP	4800 PSIG.  4750 PSIG.  y Total  Total  0.0	Visc h : 0.0	
Start  06:00  07-27-200  DailyCosts  Cum Costs  MD  Formation  Activity at  Start  06:00	06:00  Report Tin End 06:00	Hrs 24.0  Ported B  TVD  DE  ne: ON SA  Hrs	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO Sy G 10,295 PBTD: 1 ALES Activity Desc FLOWED 1193	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress 0248.0	CF, 6 BC & 4 CF, 8 BC & 4 RIDE completion 0	0 BW IN 24 F 8 BW IN 24 F Days Perf: 8493	21 10110	4" CK, FCP	4800 PSIG.  4750 PSIG.  y Total  Total  0.0  PKR Deptl	Visc h : 0.0	
O6:00  O7-27-200  DailyCosts  Cum Costs  MD  Formation  Activity at  Start  06:00  O7-28-200	End  06:00  4 Rej  10: Drilling  10:295  1: MESAVER  Report Tin  End  06:00  4 Rep	Hrs 24.0  ported B  TVD  DE ne: ON SA  24.0 1	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO Sy G 10,295 PBTD: 1 ALES Activity Desc FLOWED 1193	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress 0248.0  ription MCF, 15 BC EORGE MCB	CF, 6 BC & 4 CF, 8 BC & 4 RIDE completion 0	0 BW IN 24 F 8 BW IN 24 F Days Perf: 8493	21 10110	4" CK, FCP de CK, FCP	4800 PSIG.  4750 PSIG.  y Total  Total  0.0  PKR Depti	Visc h : 0.0	
Start  06:00  07-27-200  DailyCosts  Cum Costs  MD  Formation  Activity at	Part of the control o	Hrs 24.0  ported B  TVD  DE ne: ON SA  24.0 1	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO Sy G 10,295 PBTD: 1 ALES Activity Desc FLOWED 1193	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress 0248.0  ription MCF, 15 BC EORGE MCB	CF, 6 BC & 4 CF, 8	0 BW IN 24 F 8 BW IN 24 F Days Perf: 8493	21 10110	4" CK, FCP 4" CK, FCP 4" CK, FCP 4" Well Well MW	4800 PSIG.  4750 PSIG.  y Total  Total  0.0  PKR Deptl	Visc h : 0.0	
O6:00  O7-27-200  DailyCosts  Cum Costs  MD  Formation  Activity at  6:00  O7-28-200  DailyCosts  Cum Costs	End  06:00  4 Rej  10,295  1 MESAVER Report Tin End  06:00  4 Rep  1 Drilling  2 Drilling  3 Drilling	Hrs 24.0  ported B  TVD  DE ne: ON SA  24.0 1	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO Sy G 10,295 PBTD: 1 ALES Activity Desc FLOWED 1193	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress 0248.0 Pription MCF, 15 BC EORGE MCB	CF, 6 BC & 4 CF, 8	Days Perf: 8493	21 10110	4" CK, FCP de CK, FCP	4800 PSIG.  4750 PSIG.  y Total  0.0  PKR Depti  CHANGED TO	Visc h: 0.0 O 10/64" CH	ОКЕ.
Start  06:00  07-27-200  DailyCosts  Cum Costs  MD  Formation  Activity at  06:00  07-28-200  DailyCosts  Cum Costs	End  06:00  4 Rej  10,295  1 MESAVER Report Tin End  06:00  4 Rep  1 Drilling  2 Drilling  3 Drilling	Hrs 24.0  ported B  TVD DE ne: ON SA 24.0 1  ported B	Activity Desc 7/24/04 - FLO 7/25/04 - FLO 7/26/04 - FLO by G 10,295 PBTD: 1 ALES Activity Desc FLOWED 1193	WED 573 MC WED 1213 Mc WED 1228 Mc EORGE MCB Co Progress 0248.0 Co EORGE MCB Co Co Progress	CF, 6 BC & 4: CF, 8 BC & 4: CF	0 BW IN 24 F 8 BW IN 24 F Days Perf: 8493	21	4" CK, FCP 4" CK, FCP 4" CK, FCP 4" Well Well MW	4800 PSIG.  4750 PSIG.  y Total  0.0  PKR Depti  CHANGED TO	Visc h: 0.0 O 10/64" CH Visc	

24.0 FLOWED 1481 MCF, 15 BC & 74 BW IN 24 HRS ON 10/64" CK, CP 4490 PSIG.

06:00

06:00

07-29-2004 Reported By GEORGE MCBRIDE DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** Completion Well Total 10,295 0 MD TVD 10,295 Progress 0.0 Days 23 MWVisc 0.0 Formation: MESAVERDE **PBTD**: 10248.0 Perf: 8493-10110 PKR Depth: 0.0 Activity at Report Time: ON SALES End Hrs **Activity Description** Start 24.0 FLOWED 1471 MCF, 0 BC & 153 BW IN 24 HRS ON 10/64" CK, CP 4350 PSIG. 06:00 06:00 GEORGE MCBRIDE 07-30-2004 Reported By DailyCosts: Drilling Completion **Daily Total Cum Costs: Drilling** Well Total Completion 10,295 MW MD TVD 10,295 Progress 0.0 0.0 Days 24 Visc Formation: MESAVERDE **PBTD**: 10248.0 Perf: 8493-10110 PKR Depth: 0.0 Activity at Report Time: ON SALES - FINAL REPORT Start End **Activity Description** 

24.0 FLOWED 1546 MCF, 10 BC & 80 BW IN 24 HRS ON 10/64" CK, CP 4350 PSIG.

Form 3160-4 (August 1999)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: November 30, 2000

a. Type of		Oil Well	ETION (		□ Dry		) Other			- <del>-</del>			J-0284-A	ottee -	r Tribe Nom-
	f Completion	<b>⊠</b> N	ew Well		ork Over		Deepen	☐ Plu	g Back	Diff.	Resvr.	7. U	JTE INDIA	N TRI	ent Name and No.
NT	20	Othe	:r				AL EDEE	NA 001111				(	CHAPITA \	NELL:	S
	ESOURCE					ontact:	E-Mail: a	OA SCHU alfreda_se	chulz@ec	<del>-</del>				<b>NELLS</b>	ell No. S UNIT 845-21
. Address	P. O. BOX BIG PINE	( 250 Y, WY  8	3113					Phone N : 307.27		e area code	·)	9. A	PI Well No	).	43-047-35303
	of Well (Re	-	-					•	)*	·		10. J	Field and P	ool, or BUTT	Exploratory ES / MESAVERDI
At surfa			IL 763FWL			-						11. 5	Sec., T., R.,	M., or	Block and Survey 9S R22E Mer SLE
	orod interval i								, 109.451	24 W Lon	ì	12. (	County or F		13. State
At total		NVV 2017	FNL 763F		. Reache		109.4512		Complete	ed			JINTAH Elevations (	DF K	UT B, RT, GL)*
05/23/2	2004			//02/20				<b>9</b> m n &	A 🔀 2/2004	Ready to 1	Prod.	• • •		33 KB	
8. Total D	epth:	MD TVD	1029	5	19. Ph	ug Bac	k T.D.:	MD TVD	10	248	20. De <sub>1</sub>	pth Bri	idge Plug S		MD TVD
Type E RST-G	lectric & Oth R/CCL, CBL	er Mechai GR/CCI	nical Logs R	tun (Sub	mit copy	y of eac	ch)	·-			well core DST run? ctional Su		No No No	☐ Ye	s (Submit analysis) s (Submit analysis) s (Submit analysis)
. Casing a	nd Liner Reco	ord (Repo	rt all string:	s set in v	vell)										
Hole Size	Size/G	rade	Wt. (#/ft.)	To (M	-	Botton (MD)		Cementer Depth	1	f Sks. & of Cement	Slurry (BE		Cement	Top*	Amount Pulled
12.250		325 J-55	36.0		0		27		<u> </u>	75	+				
7.875	4.50	0 P-110	11.6		0	102	252			220	9				
									-		-				
24. Tubing	Record			1					1						
Size	Depth Set (M	ID) Pa	acker Depth	(MD)	Size	D	epth Set (	MD) I	acker Dep	oth (MD)	Size	De	epth Set (M	D)	Packer Depth (MD)
25. Produci	ng Intervals				ļ	┸-	26. Perfor	ation Reco	ord		<u> </u>				
Fo	ormation		Тор		Botto	m		Perforated	Interval		Size	1	No. Holes		Perf. Status
<u>A)</u>	MESAVE	RDE		8493	10	0110		•	10051 TO			_		SPF	
B) C)						_			9218 T			+		SPF SPF	<del></del>
D)									8716 T					SPF	
	racture, Treat Depth Interva		nent Squeez	e, Etc.			·····	Α.		Town of	<b>4-4</b> 1-1		•		
			10 1186 B	BLS GE	LLED WA	TER &	167,255#			Type of M	viateriai				
			75 1163 B												
			14 1189 Bi 372 1217 Bi												
8. Product	ion - Interval						,,,,,								
ate First oduced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC		Water BBL	Oil Gi Corr.		Gas Gravit	ty	Product	ion Method		
07/22/2004	07/30/2004	24		10.0		564.0	80.0		129	<del></del>			FLOV	VS FR	OM WELL
hoke ze	_	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MC	F	Water BBL	Gas:O Ratio	711	Well					
10/64 28a. Produc	sı tion - Interva	4350.0 1 B		10		1564	80				PGW				
	Test Date	Hours Tested	Test Production	Oil BBL	Gas MC		Water BBL	Oil Gi Corr.		Gas Gravit	у	Producti	ion Method		
		Csg.	24 Hr.	Oil	Gas		Water	Gas:O	il	Well S	Status				-
oduced	Tbg. Press.	Dense		BBL	MC	r	BBL	Ratio							
noduced	Tbg. Press. Flwg. SI	Press.	Rate	1	- 1		l l								
ate First roduced  hoke ize  See Instructi	Flwg. SI	es for ada	litional data	on reve	rse side)	-									Dro
oduced ooke ze ee Instructi	Flwg. SI ions and spac NIC SUBMIS	es for ada	litional data	FIED B	Y THÉ	BLM Y	WELL IN	IFORMA R-SUB	TION SY	STEM O ** OP!	ERATO	R-SI	UBMITT	ED *	RECEIV

200. F100	luction - Interv	al C		·							<del></del>
Date First Produced	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas		Production Method	·
rroduced	Date	Tested	Production	BBL	MCF	BBL	Corr. API	Grav	vity		
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas	Water	Gas:Oil	Wel	l Status		<del> </del>
Size	Flwg. SI	Press.	Rate	BBL	MCF	BBL	Ratio		7 - 1 - 1 - 1		
28c. Prod	uction - Interv	al D		L	<u> </u>	<u> </u>	_ <u></u>				
Date First	Test	Hours	Test	Oil	Gas	Water	Oil Gravity	Gas	<del></del>	Production Method	
Produced	Date	Tested	Production	BBL	MCF	BBL.	Corr. API	Grav	vity	Troduction Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well	Status		
29. Dispos SOLD	sition of Gas(S	Sold, used	for fuel, vente	ed, etc.)		<del>-1</del>					
30. Summ	nary of Porous	Zones (In	clude Aquife	rs):					31. For	mation (Log) Markers	
tests, i	all important a including depti coveries.	zones of po h interval t	prosity and co tested, cushio	ontents there on used, time	of: Cored in tool open,	ntervals and flowing and	all drill-stem shut-in pressure	3		( 3)	
	Formation		Тор	Bottom		Descriptio	ns, Contents, etc			Name	Top Meas. Depth
MESAVER	RDE		8493	10110	1				WA	SATCH	4706
									BUG ME NO ISL MID LOV SEG CAS BAS	APITA WELLS CK CANYON SAVERDE BUGTOP RTH HORN AND DID WER PRICE RIVER GO STLE GATE SE CASTLE GATE SS ACKHAWK	5264 6002 7403 6590 7102 8185 8954 9430 9601 9811 9935
					İ						
TURN location Perform & 10,1 Frac p 9263-6 Frac p	on.	S THRO khawk fro PF. 74'. Perf , 9325-27 52'. Perf	UGH QUES om 10,051-5 orated the L ', 9342-43' & orated the L	TAR METE 54', 10,059- ower Price \$ 9373-75' ower Price	60', 10,066 River from w/2 SPF. River from	6-67', 10,08 n 9218-20', n 8934-36'	,		)363V are	e on	<u>. L</u>
33. Circle	enclosed attac	hments:	73/45								
	ctrical/Mechan		(1 full set req	ı'd.)	2	. Geologic	Report	3.	DST Rep	ort 4. Directio	onal Survey
5. Sun	ndry Notice for	plugging	and cement v	erification		. Core Anal	•		Other:	2	mar Survey
34. I hereb	ov certify that t	he foregoi	ng and attach	ed informat	ion is comp	lete and corr	rect as determine	d from all	available :	records (see attached instructi	one):
5 H 1 20105	y corary unac	no rorogon		onic Submi	ssion #3564	8 Verified	by the BLM We INC, sent to the	ll Inform			ons):
Name (	(please print) [	ALFREDA	SCHULZ	,	***				LATORY	ASSISTANT	
Signatu	ure(	Electronic	c Submissio	n)			Date 09	/10/2004			
J											

#### Additional data for transaction #35648 that would not fit on the form

#### 26. Perforation Record, continued

Perf Interval 8493 TO 8675

c

Size

No. Holes 2

Perf Status SPF

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval

8493 TO 8675

Amount and Type of Material 1259 BBLS GELLED WATER & 185,028 # 20/40 SAND

32. Additional remarks, continued

Frac plug set @ 8909'. Perforated the Middle Price River from 8716-18', 8728-29', 8759-62', 8794-96', 8823-24' & 8870-72' w/2 SPF.
Frac plug set @ 8690'. Perforated the Middle Price River from 8493-95', 8511-13', 8544-45', 8573-75', 8619-21', 8642-44' & 8674-75' w/2 SPF.
Frac plugs will be removed and production tubing installed when well pressure conditions allow.

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

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FNTITY		$\sim$ T	м	 ١	
	4		 •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	w

Operator:	EOG Resources		Operator Account Number: N 9550
Address:	600 17th St, Suite 1100N		_
	city Denver		_
	state CO	<sub>zip</sub> 80202	Phone Number: (303) 572-9000

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County
4304735303	CWU 845-21		SWNW	21	098	22E	Uintah
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	1	ity Assignment Effective Date
С	14173	13650					4/7/2005

Comments: 2/2/2005 BLM approved operator request for PA Change

Well 2

API Number	Well N	lame	QQ	Sec	Twp	Rng	County	
Action Code	Current Entity Number					Entity Assignment Effective Date		
Comments:			<u> </u>					

Well 3

API Number	Well	lame	QQ	Sec	Twp	Rng	County		
Action Code	Current Entity Number	New Entity Number		Spud Date			Entity Assignment Effective Date		
Comments:					·				

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- **D** Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Earlene	Russall	For	DOGM
canene	nussell	1 01	DOGIN

Title

Name (Please Print)  Outline Ru	essell
Signature	
Engineering Tech	4/7/2005

Date



## **United States Department of the Interior**



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO: 3160 (U-922)

February 2, 2005

EOG Resources Inc. 600 Seventeenth Street Suite 1100N Denver, CO 80202

Re: Paying Well Determination
CWU 845-21 Well, Chapita Wells Unit
Uintah County, Utah

43-047-35303

Gentlemen:

Pursuant to your request of January 27, 2005, it has been determined by this office that under existing conditions the Chapita Wells well No. 845-21 located in the SW4NW4 of section 21, Township 9 South, Range 22 East, Uintah County, Utah, is capable of producing unitized substances in paying quantities as defined in Section 9 of the unit agreement.

Please file an appropriate Participating Area application for this well at your earliest convenience. If you have any questions please contact Mickey Coulthard of this office at (801) 539-4042.

Sincerely,

Terry L. Catlin

Acting Chief, Branch of Fluid Minerals

RECEIVE APR 0 5 2005

DIV. OF OIL, GAS & MIN.

entity 14173 > 13650

Form 3160-5 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 200

5.	Lease Serial No.
	U-0284-A

CHARDY	NOTICES AND REF	PORTS ON	WELLS		U-0284-	A
Do not use ti	his form for proposals t	o drill or to	re-enter a	n	6. If Indian,	Allottee or Tribe Name
. L d a m a al ser	vell. Use Form 3160 - 3 (/	APD) for suci	proposal	<b>5.</b>	UTE IN	DIAN TRIBE
abandoned w	RIPLICATE- Other instr	ruotione on n	varea ei	10	7. If Unit or	CA/Agreement, Name and/
	CIPLICATE- Other man				UTU 63	0013X
1. Type of Well Oil Well	✓ Gas Well Other				8. Well Nar	
2. Name of Operator EOG RESO	AUDOES INC				9. API We	
	JURCES, INC.	3b. Phone No. (	naluda araa ca	de)	9. API We	
3a. Address P.O. BOX 250 Big Piney WY,	83113	307-276-333		<u></u>	10. Field an	d Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	, T., R., M., or Survey Description)					RAL BUTTES/MESAVI or Parish, State
SWNW 2017 FNL 763 FWL 6 SECTION 21, T9S, R22E S.L	40.02325 LAT 109.45124 LON B.					H COUNTY, UT
12. CHECK A	APPROPRIATE BOX(ES) TO	INDICATE NA	ATURE OF	NOTICE,	REPORT, OF	OTHER DATA
TYPE OF SUBMISSION			TYPE OF			
	Acidize	Deepen		Production (	Start/Resume)	Water Shut-Off
Notice of Intent	Alter Casing	Fracture Treat		Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Constru		Recomplete		Other CONTINUE
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Aba		Temporarily Water Dispos		COMILETT
12 Describe Proposed or Comple	eted Operation (clearly state all perti- rectionally or recomplete horizontal	inent details, includi	ng estimated s	arting date o	f any proposed w	ork and approximate duration
determined that the site is reac	at and an ampletion of the refere	onced well enemi	a additional	nay in the	Mesaverde as f	ollows:
1. Set 10k composite brie 8420-21' & 8440-41' w/2 2. Set 10k composite fra SPF. Fracture stimulated 3. Set 10k composite fra	nunued completion of the retext deg plug @ 8471'. Perforated it SPF. Fracture stimulated with c plug @ 8150'. Perforated the d with 1201 bbls gelled water & c plug @ 7900'. Perforated the 1137 bbls gelled water & 173, bing landed @ 7715'. Returned	the Middle Price in 1297 bbls gelled Upper Price Riv 169,586 # 20/40 Upper Price Riv 222 # 20/40 sand	water 4: 1929 er from 7929 sand. er from 7726 Set 10 comp	,956 # 20/40 -32', 7969- -29', 7783- losite frac p	0 sand. 71', 8007-08', 80 85', 7810-12', 78 blug @ 7700'. D	)31-33', 8089-90' & 8114 )329-31' & 7871-73' w/2 S
TEST: 4/19/2005, 1045 N	ACF, 25 BO, 160 BW in 24 hou	ırs on 14/64" cho	ke, FTP 1600	psig, CP 2	100 psig	
14. I hereby certify that the for	regains is true and correct					
Name (Printed/Typed)  Kaylene R. Gai	regoing is true and correct	1				
		Т	itle Regulat	ory Assista	nt	
Signature 1			itle Regulat	ory Assista	nt 04/25/2005	
Signature Carling	rdner	1	Date		04/25/2005	
Signature Quilly.		1	Date DR STAT		04/25/2005	Dota
Annoved by	THIS SPACE FOR	FEDERAL (	Date  DR STAT  Title		04/25/2005	Date
Approved by Conditions of approval if any an	THIS SPACE FOR  e attached. Approval of this notice gal or equitable title to those rights	FEDERAL (	Date  DR STAT  Title		04/25/2005	Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department of the Halfed States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

·017



### United States Department of the Interior

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

April 26, 2005

EOG Resources, Inc. Attn: Debbie Spears 600 Seventeenth Street Suite 100N Denver, Colorado 80202

Re:

1<sup>st</sup> Revision of the Consolidated Mesaverde Formation PA "A-B-H" Chapita Wells Unit

Uintah County, Utah

#### Gentlemen:

The 1<sup>st</sup> Revision of the Consolidated Mesaverde Formation Participating Area "A-B-H", Chapita Wells Unit, CRS No. UTU63013N, AFS No. 892000905N, is hereby approved effective as of April 1, 2004, pursuant to Section 11 of the Chapita Wells Unit Agreement, Uintah County, Utah.

The 1<sup>st</sup> Revision of the Consolidated Mesaverde Formation Participating Area "A-B-H" results in the addition of 240.00 acres to the participating area for a total of 2,960.00 acres and is based upon the completion of Well No. 845-21, API No. 43-047-35303, located in the SW¼NW¼ of Section 21, Township 9 South, Range 22 East, SLM&B, Federal Unit Tract No. 4, Lease No. UTU0284A and Well No. 838-23, API No. 43-047-35220, located in the SW¼NE¼ of Section 23, Township 9 South, Range 22 East, SLM&B, Federal Unit Tract No. 2, Lease No. UTU0282, as being wells capable of producing unitized substances in paying quantities.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 1<sup>st</sup> Revision of the Mesaverde Formation Participating Area, Chapita Wells Unit, and the effective date.

Sincerely,

/s/ Robert Henricks

Robert Henricks Acting Chief, Branch of Fluid Minerals

**Enclosure** 

RECEIVED
APR 2 8 2005

DIV. OF OIL, GAS & MINING

Form 3160-5 (February 2005)

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

Vacuus	NOTICES	AND	REPORTS	ON	WELLS
SIIMINDV	MILLIES -		REPUBLO	T JIW	** =

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 200

U-0284-A	Lease Serial No.	
	U-0284-A	

SUNDRY NOTICES AND REPORTS ON WELLS				U-0284-A	
Do not use this form for proposals to drill or to re-enter an			6. If Indian, Allottee or Tribe Name Ute Indian Tribe		
abandoned well. Use Form 3160 - 3 (APD) for such proposals.					
SUBMIT IN TRIPLICATE- Other instructions on reverse side.				1	CA/Agreement, Name and/or No.  Wells Unit
1. Type of Well Oil Well	Gas Well Other			8. Well Name	
	J 0			Chapita	Wells Unit 845-21
2. Name of Operator EOG Resour	rces, Inc.			9. API Well	
3a Address 600 17th Street, Suite 1000N, Do	enver, CO 80202	3b. Phone No. (include 303-824-5526	e area code)	10. Field and	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description)				Buttes/Mesaverde r Parish, State
2017' FNL & 763' FWL (SWN' Sec. 21-T9S-R22E 40.023247 I	W) .AT 109.451242 LON			1	County, Utah
12. CHECK AP	PROPRIATE BOX(ES) TO	INDICATE NATUI	RE OF NOTICE, F	REPORT, OR	OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent  ✓ Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Production (St	·	Water Shut-Off Well Integrity Other Pit reclamation
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposa	l	
testing has been completed. Fir determined that the site is ready	nal Abandonment Notices must be	filed only after all requi	ements, including recla	mation, have been	, a Form 3160-4 must be filed once in completed, and the operator has
14. I hereby certify that the force	agoing is true and correct			· · · · · · · · · · · · · · · · · · ·	
Name (Printed/Typed)		Tiela	Regulatory Assistan	.t	
Mary A. Maesta		Date	Regulatory Assistan	01/16/2007	
Signature Mary	THIS SPACE FOR		STATE OFFIC	E USE	
	I HIS SPACE FOR	TEDETONE ON	Title		Date
Approved by  Conditions of approval, if any, are	attached. Approval of this notic	e does not warrant or	Title		
certify that the applicant holds leg which would entitle the applicant	al or equitable title to those rights	in the subject lease	Office		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

JAN 1 8 2007